

Plasma PLORA



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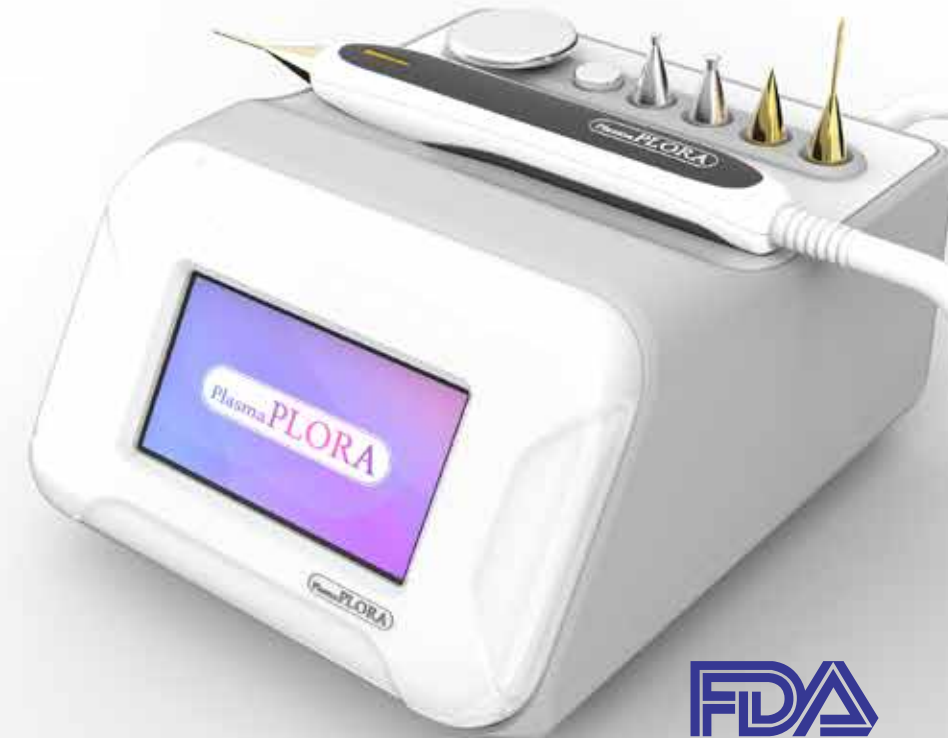
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# Introduction of **Plasma PLORA**

|                          |   |
|--------------------------|---|
| <b>Item</b>              | Electrosurgical device  |
| <b>Purpose Of Use</b>    | Generate new collagen and elastic fibers in the skin by delivering heat and electronic energy |
| <b>Working Principle</b> | Using thermal and electric energy of sparkle generated by DC corona discharge                 |

**Plasma Plora induces new collagen and elastic fibers in the dermis by delivering heat and electronic energy directly into the skin.**



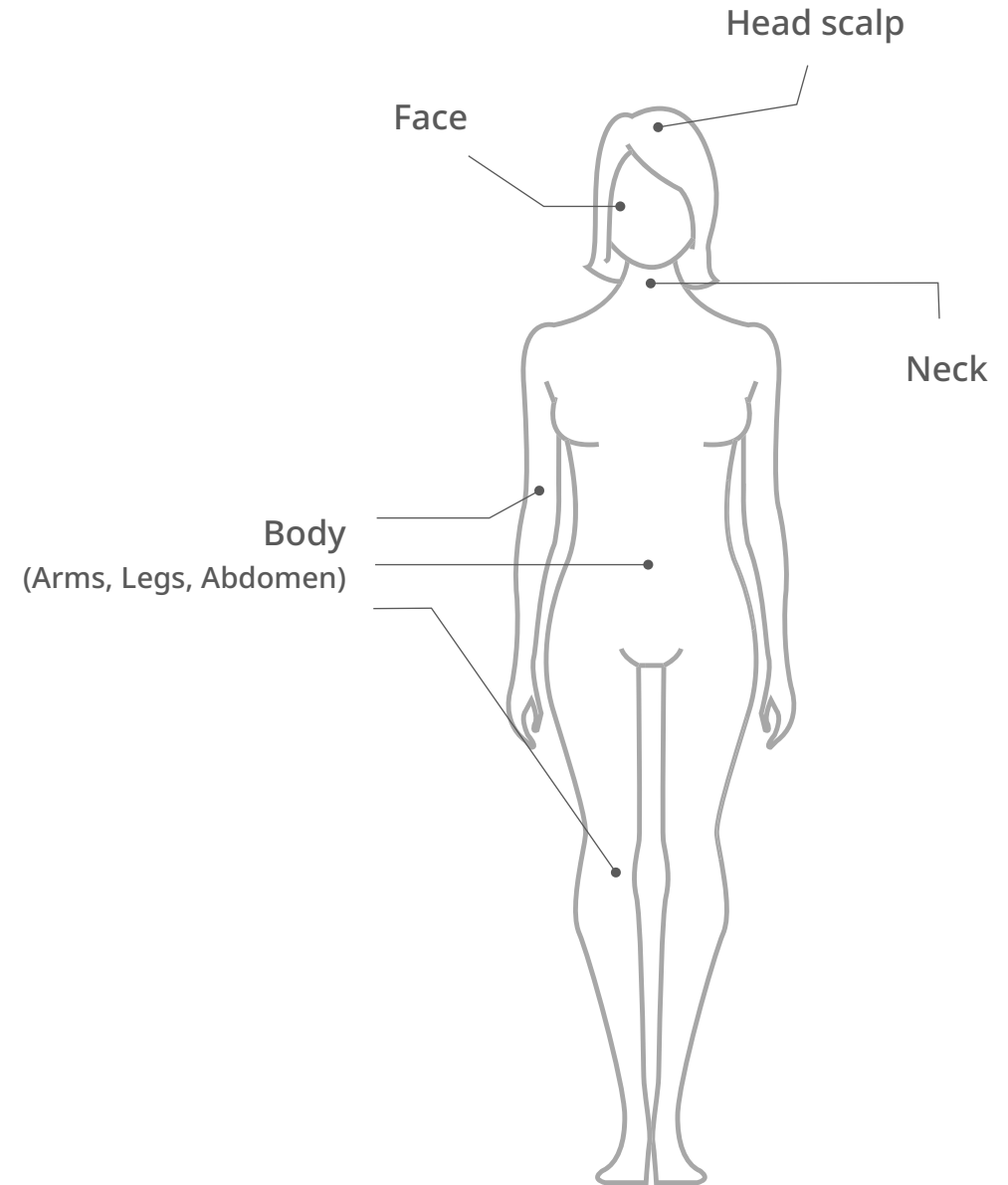
# Indications

- Deep and shallow wrinkles removal
- Lifting and anti-aging
- Blepharoplasty
- Pigmentation and tattoo removal
- Couperosis treatment
- Scars and Stretchmarks removal
- Wart and Fibroma treatment
- Deeper penetration of active ingredients
- Brightening
- Skin Scaling
- Skin Tightening
- Acne Treatment
- Skin Rejuvenation
- Hair-loss treatment

# Plasma Plora **treatment area**

## **Various Treat areas**

- Face
- Neck
- Body (Arms, Legs, Abdomen)
- even the SCALP! (for hair-loss treatment)



## What is the **Plasma PLORA**?

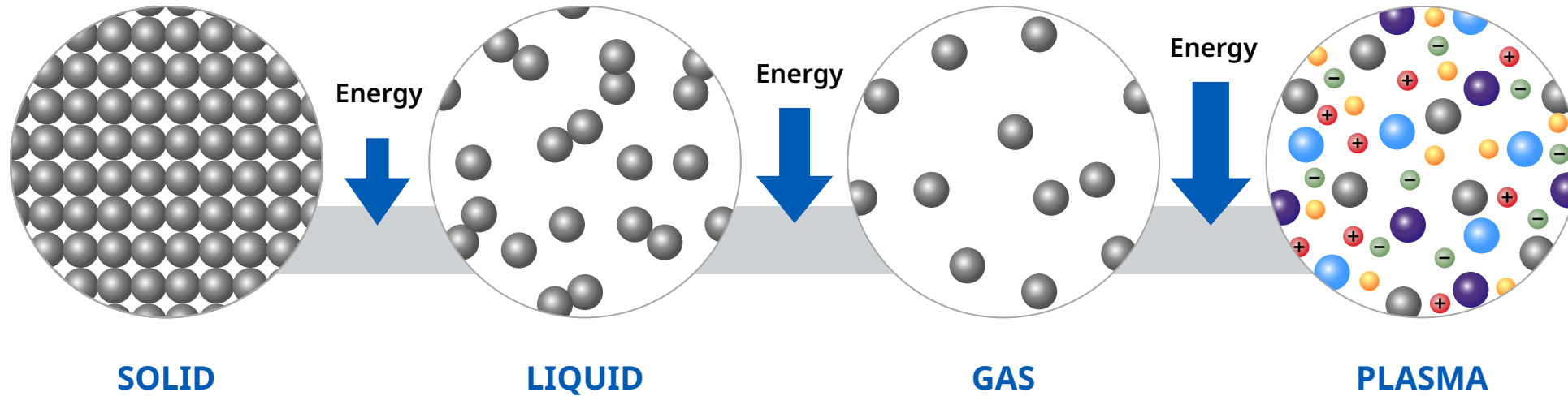


'Plasma' is called a 'fourth state of matter' in addition to solids, liquids, and gases.

Plasma is a state in which a gaseous material is separated into electrons and ions due to a larger energy. Lightning and aurora are typical phenomena of plasma, and it is also used in neon signs and fluorescent lamps in daily life.

Plasma is an **ionized gas** composed of ions and electrons, which is created by the separation of electrons from the electron shell of gas atoms or molecule rupture (**ionization**).

# What is the **Plasma**?








Skin regeneration treatment has always been an important treatment in aesthetic medicine, and plasma provides new technique for skin regeneration.

Plasma energy produces a thermal effect on the skin.

Unlike lasers, it does not rely on chromophores and does not vaporize tissue.

At the same time, plasma energy can activate, repair damaged cells, promote microcirculation, and enhance the elimination of inflammation.

And the application of plasma is getting more and more popular in aesthetic medicine.

-  Molecule
-  Excited molecule
-  Particle
-  Free-electron
-  Ions

# DC corona discharge **Plasma**

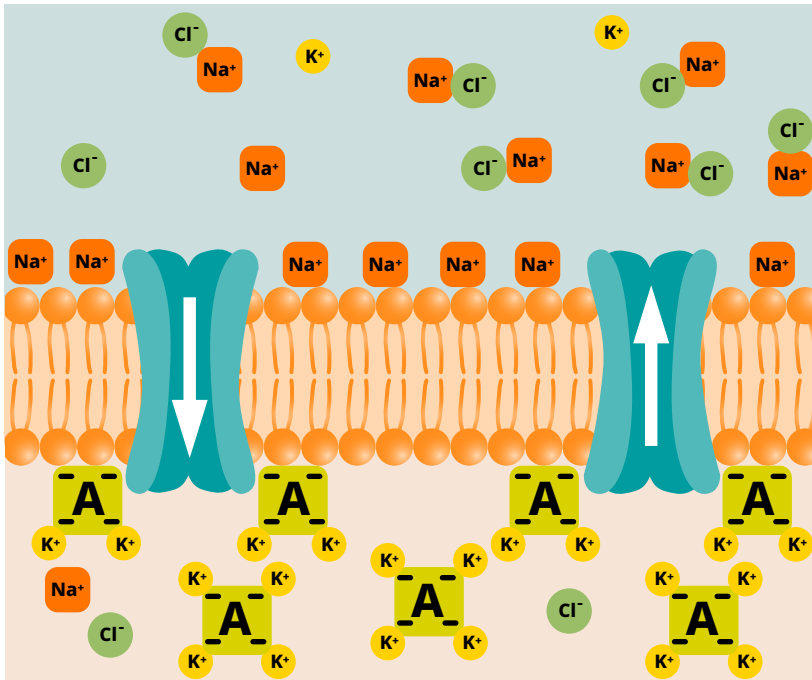
The Plasma PLORA can generate a plasma with **a DC corona discharge** to form **a more elaborate and powerful plasma beam**



- **Precise beam-shaped plasma with 1 mm diameter.**
  - Able to check the affected part with the naked eye and perform precise procedure
  - Much less than normal tissue damage outside the procedure area.
- It can be done regardless of the chromophore.
- There are no scars or scratches on the epidermis after the treatment.

# Plasma Toning

Extracellular



Intracellular

- 1 The cell membrane has channels for nutrients and water to pass through and this channel is closed due to aging.
- 2 Plasma discharges play a role in opening this channel and it helps to supply water and nutrition to the cells.
- 3 Restore the cell membrane potential to make skin cells elastic and healthy.

# PLASMA PLORA

## Device advantages

- 01** Various indications
- 02** Portable
- 03** Light handpiece
- 04** Safety control system
- 05** Simple to use
- 06** Effective and fast results
- 07** Small size of beam allows to make a treatment on the narrow parts (like orbital area)

# PLASMA FLORA

## Treatment advantages

01

Plasma energy transfers to 0.1mm of depth, to the superficial level that allows use it on **orbital area**

02

The method is all **natural**.  
When the plasma discharge is applied on the skin, the change of membrane potential occurs, which results in a positive effect.

03

**Various indications**  
medical use (Golden tip)  
+  
aesthetic use (Silver tip)

04

Using **stable** DC electronic currency

05

More focused treatment on **target area**

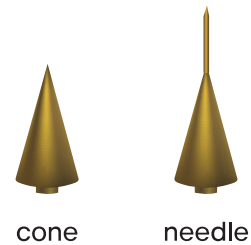
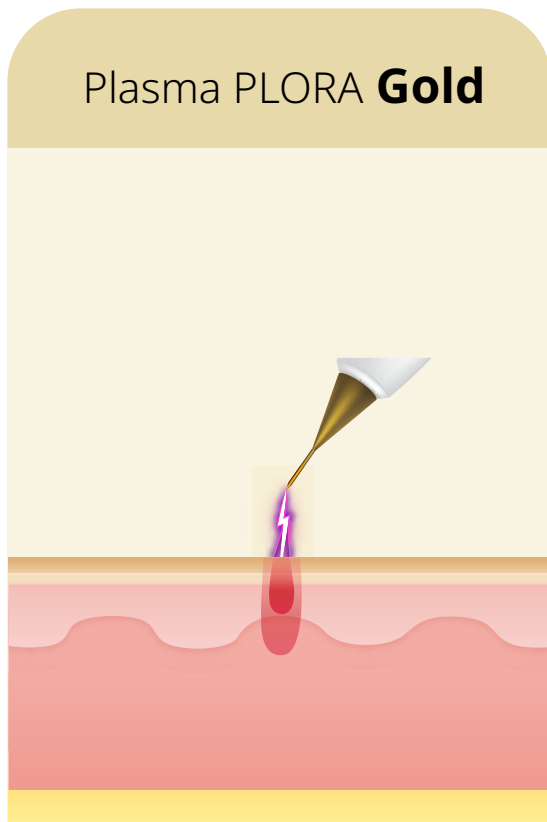
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Various treatment programs by **reasonable price**

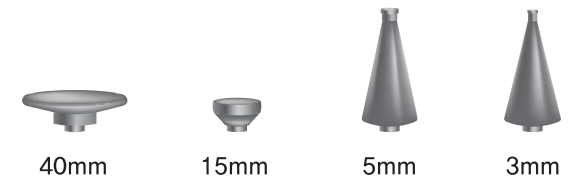
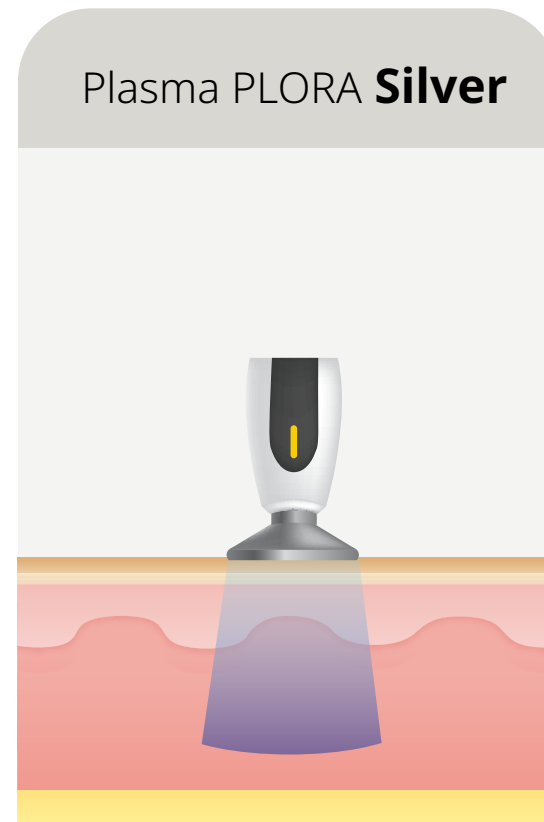
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Penetration for **deeper level** of effective solutions

# Various treatments with 6 tips of Plasma PLORA



- Blepharoplasty
- Pigmentation removal
- Couperosis treatment
- Scars and Stretchmarks removal
- Wart and Fibroma treatment
- Deep wrinkles removal



- Deeper penetration of active ingredients
- Brightening
- Wrinkles removing
- Skin Scaling
- Lifting and anti-aging
- Skin Tightening
- Acne Treatment
- Skin Rejuvenation

# Procedure and duration

## Surgical cycle and effect duration

### 01 Procedure interval

Given the differences according to individual differences, every 2 to 4 weeks

### 02 Number of Procedures

The average number of procedures is 1 to 4 times. Depending on the patient's expectations, the additional procedure is irrelevant.

### 03 Surgical effect duration

In the case of wrinkles and eye surgery, it is expected to last for about 1 ~ 2 years, though there are individual differences because it is affected by continuous skin aging. It is advisable to perform the surgery, 6-month to 1-year intervals.

### 04 Scars can be adjusted

Scars can be adjusted according to severity, but the risk of recurrence has not been confirmed until after satisfactory level of treatment.

# PLASMA

## Silver tip

- Drug penetration effect
- Flat tip 20 minutes procedure
- With ampoule (Brightening)



40mm



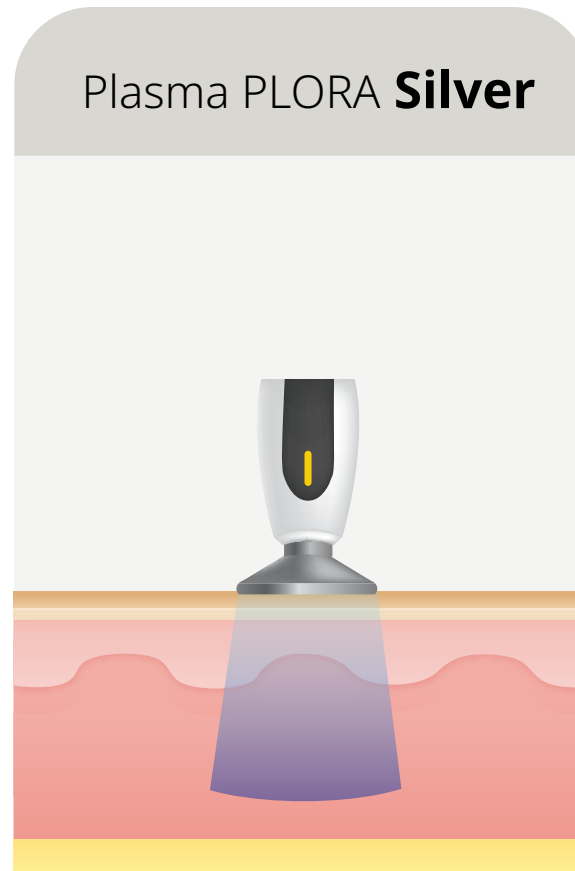
15mm



5mm



3mm

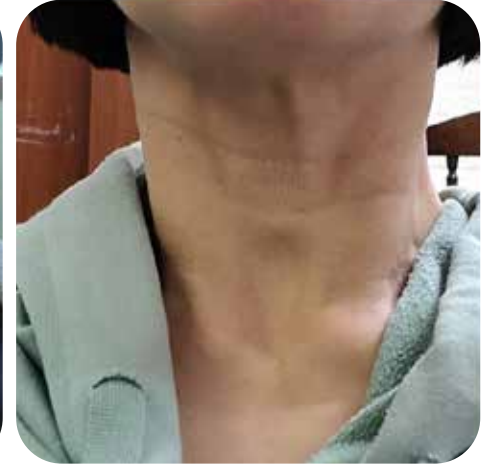
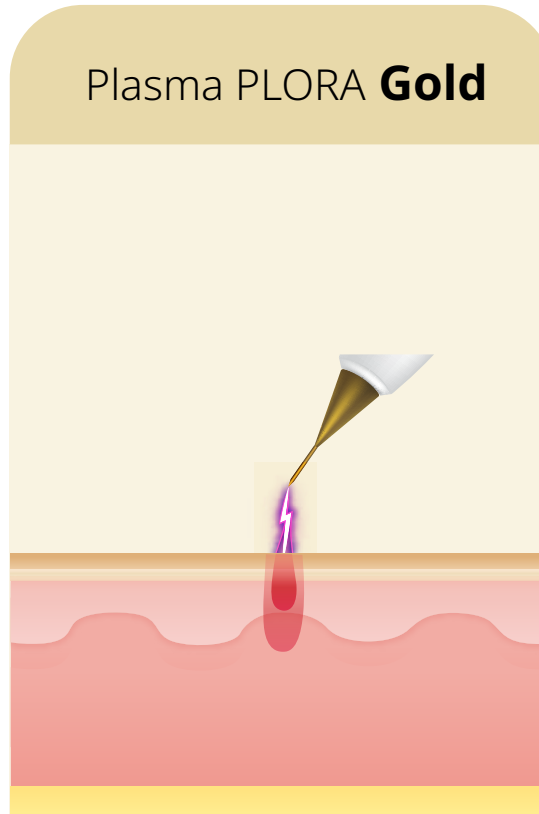
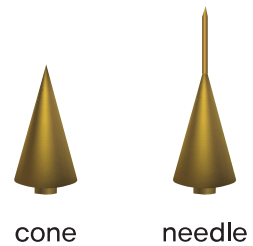


# PLASMA

## Golden tip

### Case: Neck lines

- 3 procedures with 2 weeks of interval
- Treatment with Needle tip & Silver tip



# PLASMA Silver tip & Golden tip

## 1 session

Case: Neck lines



Before



Right After



1month later

# Specification

| Power consumption | Rated voltage and frequency | Output power | Tips                                    | Handpiece         | Mainbody            |
|-------------------|-----------------------------|--------------|---|-------------------|---------------------|
| 12VA              | 220V, 50 - 60Hz             | 5 V DC, 2A   | 6 types<br>(4 silver tips, 2 gold tips) | 210 x 27 x 25(mm) | 185 x 220 x 125(mm) |