

Innovative Technology
For Your Medical Aesthetic Needs

Plapen^{dual}

Plasma treatment device



Plapen^{dual?}

Plapen dual uses molecules in the air as a medium and instantaneously concentrates strong energy to influence the ionic bonding of molecules and atoms in order to produce a concentrated form of plasma.

Using plasma developed in this way, this medical device is used to improve skin and diseases with 2 type of handpiece and 4 kinds of tip.

Its major indications include skin sterilization, improvement of skin rhytids, improvement of drooped eyelid, removal of blemishes and spot and removal of milium...etc.

Plasma effect



Sublimation (Ablation)

Effective on acne, scar treatment by causing sublimation on the skin surface while not affecting the cells



Wrinkle Treatment

Non-ablative, lifting, regeneration, scar treatment, inflammation treatment



Toning Effect

Anti-pigmentation effect through suppressing melanin pigment and strengthening the absorption of anti-pigmentation cosmetics



Sterilization

Sterilize bacteria which cause various skin problems with powerful sterilization power



Transdermal drug delivery

Inducing amazing absorption by breaking the Cell Adhesion Molecules (CAMs) that connect the skin cell

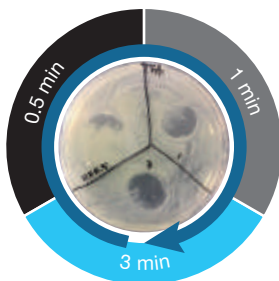


Skin Regeneration

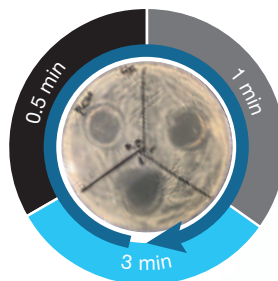
Preventing skin aging by stimulating generation of collagen and fibroblasts

Anti-bacterial effect

High frequency tip

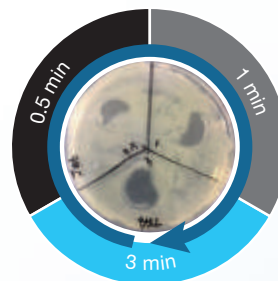


Pseudomonas aeruginosa

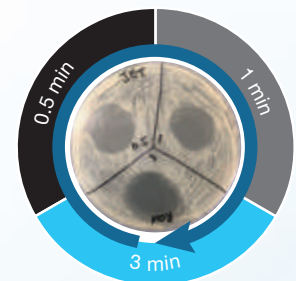


Propionibacterium acnes

Jet tip



Pseudomonas aeruginosa

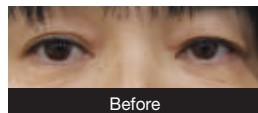


Propionibacterium acnes

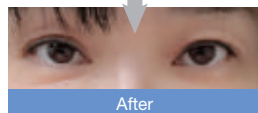
Clinical Data

Needle

Drooped eyelid lifting



Before



After

- 1 Session
- Skin
- F / The later of 50's

Jet tip

Sterilization sedation

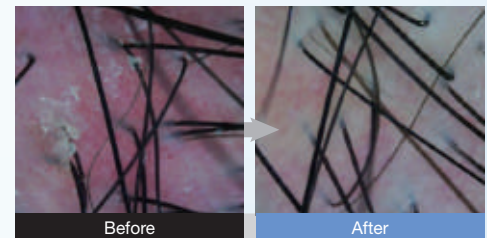


Before

After

- 5 Session
- Skin
- F / The Mid of 30's

Seborrheic dermatitis



Before

After

- 7 Session
- Scalp
- M / The later of 30's

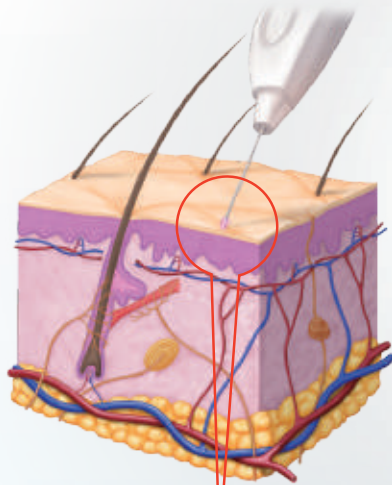
Plasma treatment device

Technology

Pen Handpiece

Strong ablation is applied to the local site of skin surface to treat skin lesions, as high voltage plasma is generated via needle. Wide use in removal of small wart, milium, acne miliaris, spot and freckle, wrinkle removal and lifting on sensitive sites around eyelids, eye rims and eyeballs.

Two way Needle



- Needle type**
- Dot removal
 - Removal of Wrinkles
 - Removal of milia & cutaneous tags
 - Needle in Ø0.5 of thickness is selected for local incision and ablation.

- Round type**
- Spray procedure performed in a wide area
 - Removal of age spots
 - Removal of acne scars

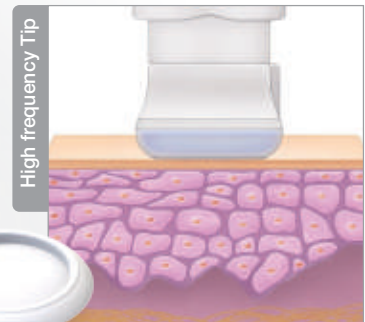
Providing the convenience of procedure by designing the tips at the both ends of a needle in different forms

Indication

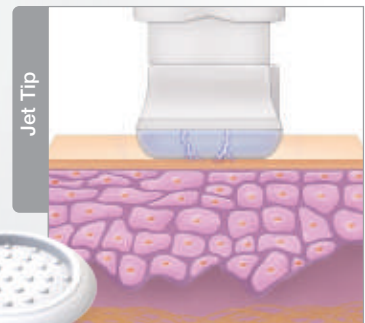
- Fine Line Improvement
- Drooped Eyelid Improvement
- Blemish and Spot Removal
- Scar Improvement

Multi Handpiece

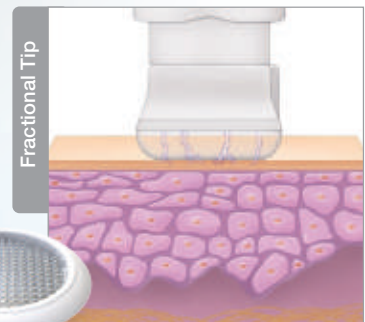
It is used in skin care as effective in bactericidal action and solution-osmotic action against. Staphylococcus aureus, acne germ, upon generation of plasma ions.



High frequency Tip
Plasma Ion Release



Jet Tip
Applicable for divergent skin types, as micro-solidifying point is created as soon as plasma ions are released.



Fractional Tip
Simple plasma treatment by easy rubbing, as thermal plasma is developed.

Indication

- Acne Improvement
- Skin Rhytids Improvement
- Skin disinfection
- Skin regeneration
- Drug delivery
- Skin Tone Improvement

Plapen^{dual}

SPECIFICATIONS

Energy type	Plasma	
Hand-piece	Multi hand piece	Pen hand piece
Mode	Pulse or Continue	Pulse or Continue
Tip	High frequency Tip, Jet Tip, Fractional Tip	Needle (0.5Ø, 30mm)
Display	10.2 inch TFT Touch LCD	
Electrical requirement	100~240V / 0.5A	
Weight (kg)	3.55kg	
Demension (W x D x H)	442.3 x 220.5 x 357.4 (mm)	