



JETT PLASMA MEDICAL DEVICES



# What is plasma?

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Plasma is fourth state of matter – ionized gas, while the others are solid, liquid and gas.

Unlike these three states of matter, plasma is not common on the Earth, you can observe it as thunderbolt.

Artificially plasma can be generated by continuously transmitting the energy to gaseous material.

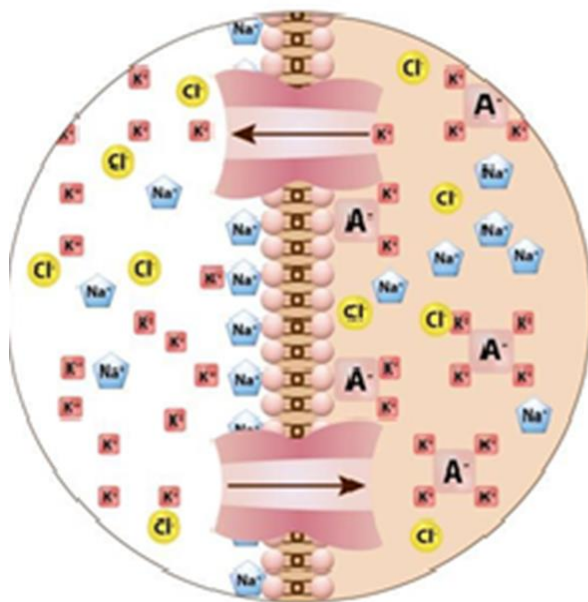
Effect of plasma flows on tissues a very effective **peeling**, tissue **recovery**, its **tightening**, improvement of **flexibility** and it also stimulates **immunity** and **resistance** of the tissues.

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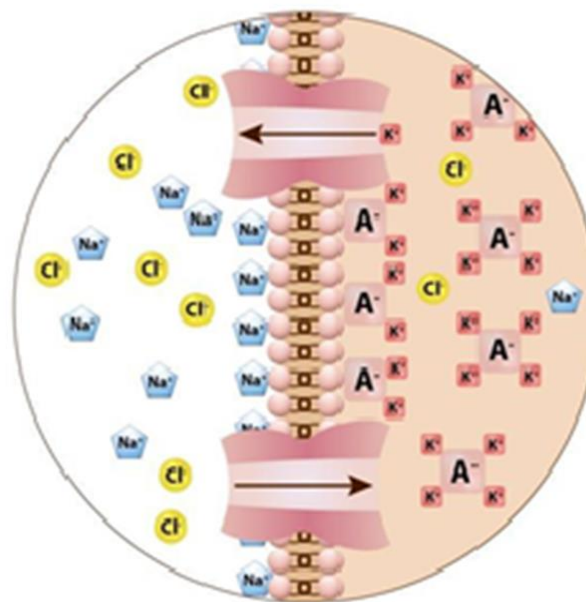


# Plasma

**Before Use**



**After Use**





# Direct Current Fulguration

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The device produces a sequences of spark discharges generated by DC voltage. Spark discharges generate heat that warms the skin. Mechanism od DC fulguration affects a much smaller area of the skin than the discharge caused by Alternating Current (AC). This is very precious beacause the DC discharge does not damage surrounding tissues.

The discharge is formed between the tip of the device and the conductively interconnected skin of the patient at a distance of a tip over the skin up to 4 mm. It means that you can see the treated area.

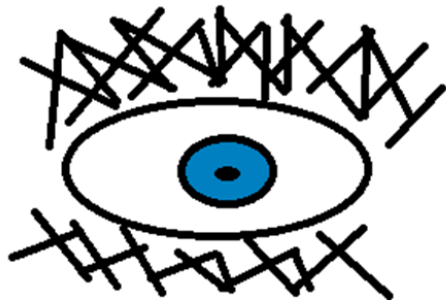
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# Dot-by-dot vs. Scanning Technique

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- **Scanning**
  - scan all of the upper and lower eyelid
  - device should be 2mm above skin
  - scan until erythema is visible
- **Dot-by-dot**
  - make a lot of points in distance 2 mm and stay on one point for about 3 seconds
  - plasma causes damage of dermis and contraction of collagen
  - do not treat lower eyelid with dot-by-dot technique! There is the skin very thin and you can cause scars.





# JETT PLASMA LIFT MEDICAL

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- The highest intensities (6, 7 and 8) are able to destroy skin cells. The tip of the device can reach temperatures up to 80°C.
- Electric power of maximum 1.8 W is applied and as it affects only a small area, it is able to cause the evaporation of cell liquids.
- High temperature causes coagulation of tissue and blood proteins, which is used for stopping a small bleeding – to closure of small veins (with a diameter of 2-3 mm.)





# Indications

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## Benign vascular lesions

- angioma (hemangioma, naevus capillaris)
- teleangiectasia

## Skin lesions

- keratosis (verruca seborrhoica, keratosis senilis, keratosis seborrhoica)
- keratoacanthoma
- fibroma
- xanthelasma

## Infectious lesions

- verruca plana, verruca vulgaris
- condylomata accuminata
- molluscum contagiosum

## Pigment changes (hyperpigmentation)

- melasma (chloasma)
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# Contraindications

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- Pacemaker, Holter blood pressure monitoring system or ECG
- Other implanted electrical device
- Epilepsy
- Pregnancy
- Metal implants in the treatment area
- Skin problems, inflammation diseases - erysipelas
- Oncological disease
- Other non-controlled or hardly-controlled disease





# Advantages

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- ablative & non-ablative treatments
- fast healing process
- long lasting effects
- no scars and keloids
- unique technology of direct current



# Suitable for

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## 6 – 8 Ablative treatments

- removal of deep and shallow wrinkles
- removal of warts, pigmentations, fibromas, cuperosis, haemangiomas
- scars correction

## 1 – 5 Non-ablative treatments

- face and body lifting
- reduction of wrinkles
- restoration of connective tissues
- incorporation of active ingredients into deep skin layers
- improvement of elasticity





# JETT PLASMA Medical II

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*Second generation of world popular JETT  
PLASMA LIFT MEDICAL device, delivered  
with higher power output of 3W!*

*Based on proven patented DC technology.*





# JETT PLASMA Medical II

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- Plasma Pen included as standard.
- Powered either by plug or by battery.
- Easily portable.





# JETT PLASMA Medical II

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- JETT PLASMA Medical II is the perfect solution in:
  - Ablative and non-ablative surgery
  - Aesthetics
  - Dermatology
  - Ophthalmology
  - and other medical disciplines





# Indications

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- Angioma(hemangioma, naevus capillaris), teleangiectasi
  - keratosis(verruca seborrhoica, keratosis senilis, keratosis seborroica)
  - Keratoacanthoma
  - Fibroma
  - Xanthelasma
  - Verruca plana, verruca vulgaris
  - Condylomata accuminata
  - Molluscum contagiosum
  - Melasma (chloasma)
  - Blepharitis
  - Non-surgical blepharoplasty
  - Stenosis puncti lacrimalis
  - Xanthelasma
  - Trichiasis
  - Distichiasis
  - Ectropion
  - Entropion
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# Contraindications

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- Pacemaker, Holter blood pressure monitoring system or ECG
- Other implanted electrical device
- Epilepsy
- Pregnancy
- Metal implants in the treatment area
- Skin problems, inflammation diseases - erysipelas
- Oncological disease
- Other non-controlled or hardly-controlled disease



# Advantages

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- Safe, comfortable, painless
  - Short treatment time
  - Non-surgical treatments
  - Special applicators for various treatments
  - Fast healing process
  - Long lasting effects
  - No scars and keloids
  - Unique technology of direct current
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# Hemangioma

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Before



After 2 weeks



# Hemangioma

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Before



Immediately after



After 3 days

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# Hemangioma

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Before



Immediately after



3 days after

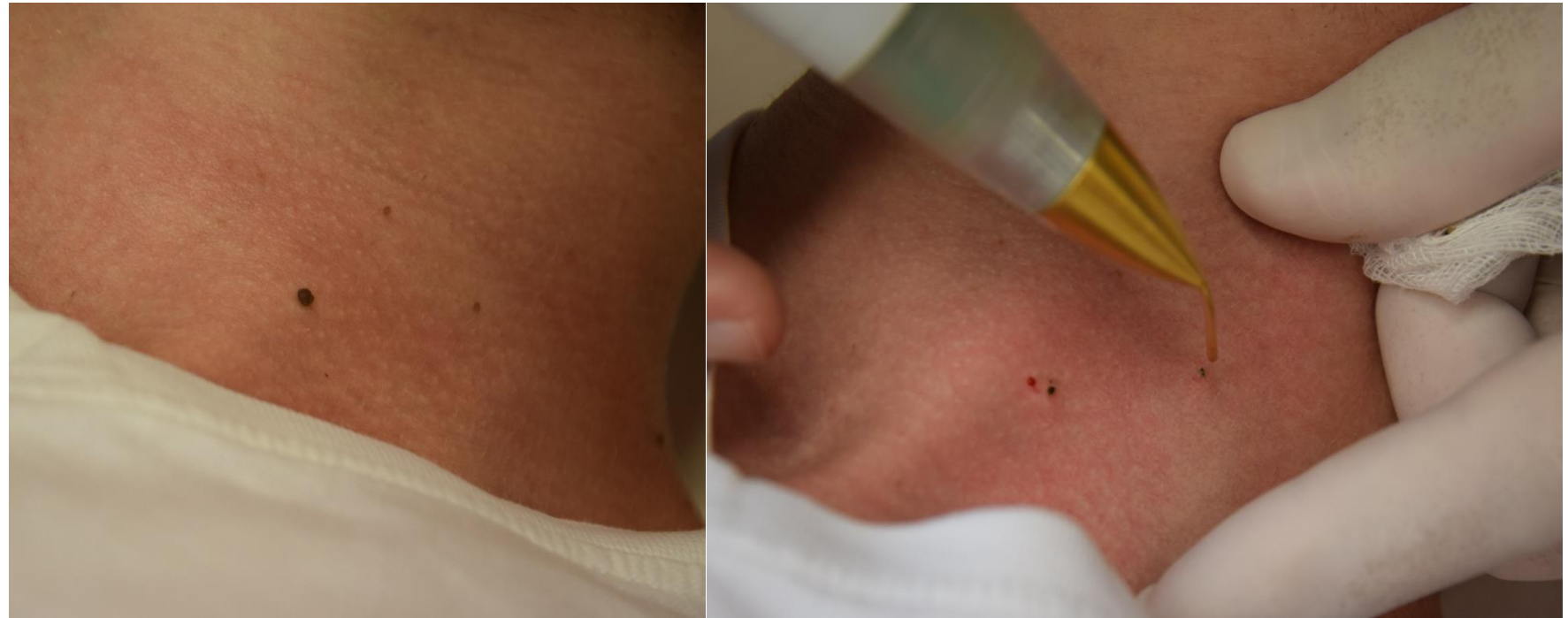






# Keratoacanthoma

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# Fibroma

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## FIBROMA REMOVAL



before

immediately after



3 days after

10 days after

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# Fibroma

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# Fibroma

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# Xanthelasma

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Courtesy to Dr. Tadaaki Yamada  
Clínica Image Care, Brazil





# Xanthelasma

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Before



1 week after



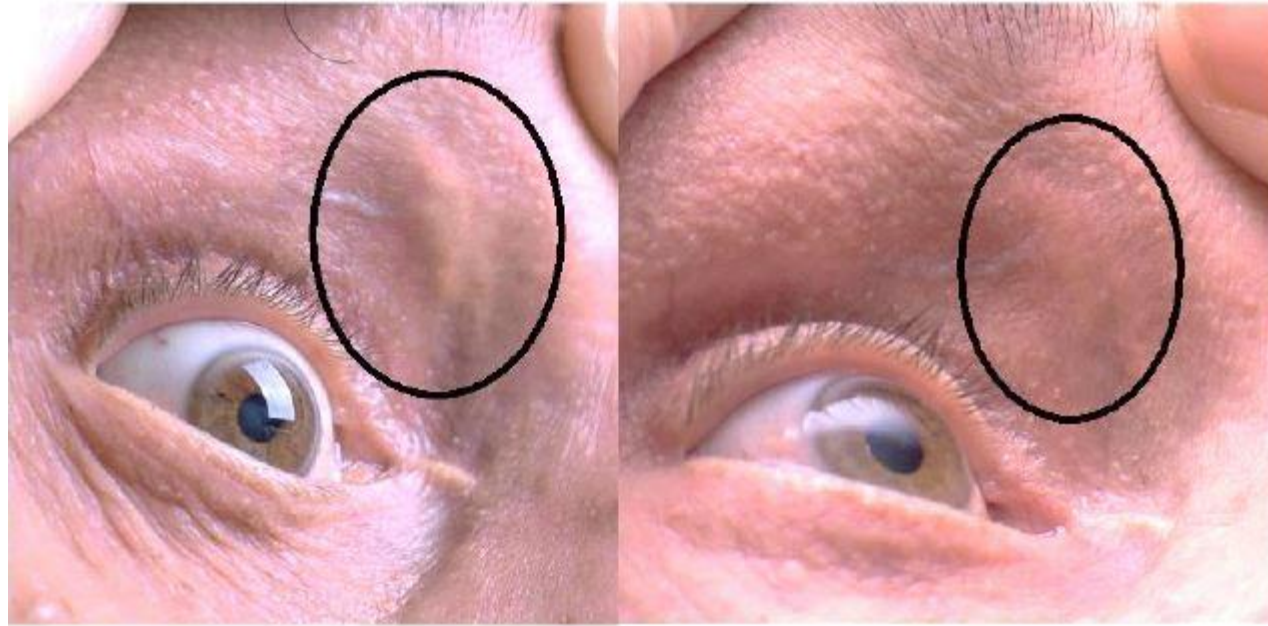
1 month after





# Xanthelasma

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# Keratoacanthoma

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# Verrucae Filliformes removal

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VERRUCAE FILLIFORMES



before



1 month after

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# Hyperpigmentation

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療程前；第一次療程後



# Hyperpigmentation

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**BEFORE**



**AFTER**

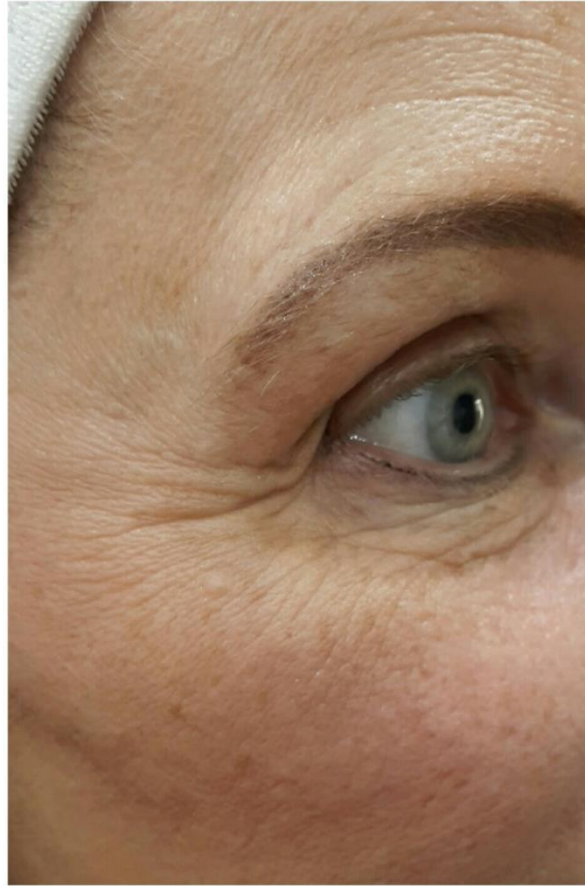






# Scar smoothing

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# Scar smoothing

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Before



1 month after







## Smokers lines

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before



immediately after



10 days after



1 month after

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# Blepharoplasty

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# Blepharoplasty

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Before



10 days after



Immediately after treatment



3 months after



# Scars

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Before



After 3 sessions







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