



Jett medical



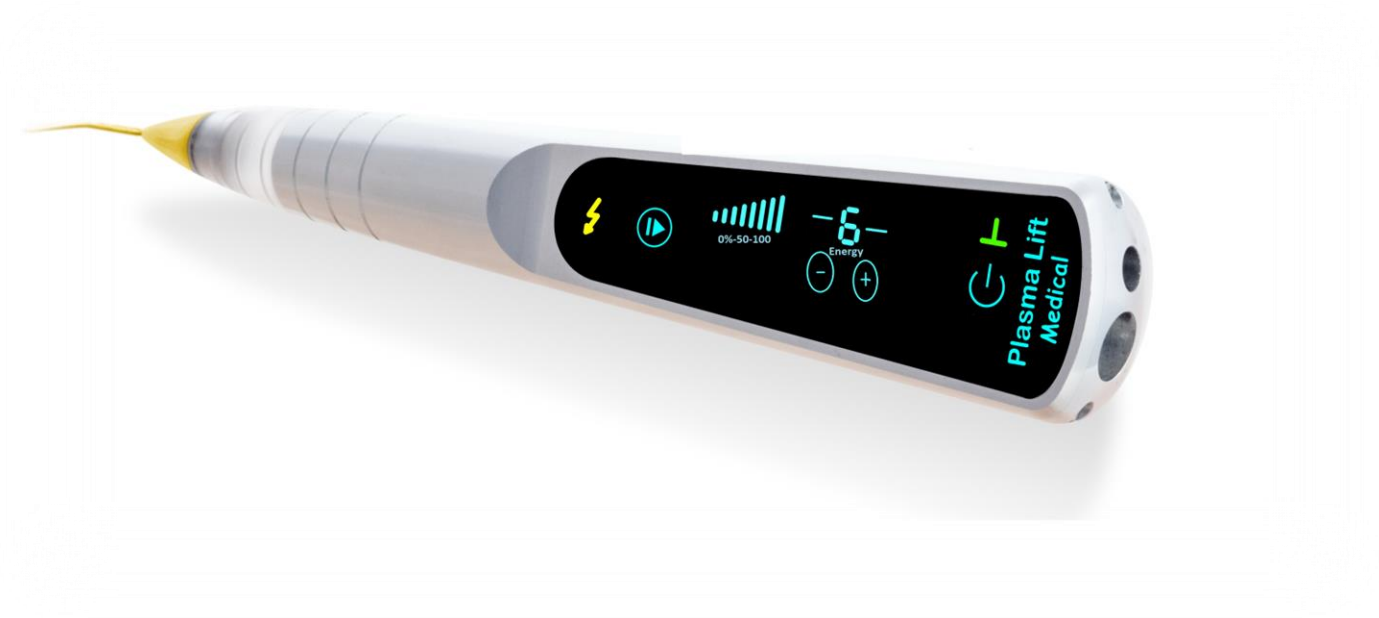
Use of
JETT Plasma Lift
Medical
in
DERMATOLOGY



JETT Plasma Lift Medical

str. xx/xx

- JETT Plasma Lift Medical is a smart portable DC (direct current) electric plasma.





Plasma

str. xx/xx

- Electric plasma is a ionized gas in the air (containing free electrons), created by voltage about **5000 V**, which is between the tip of the device and skin of a patient and maintaining distance of **1-2mm**.
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DC fulguration

str. xx/xx

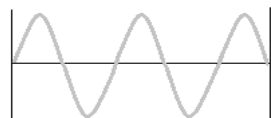
- The main effects are achieved with “a plasma discharge” generated by DC voltage.
 - This kind of discharge generates a heat, warms the skin and right indications are treated.
 - Generated sparks in AC fulguration (all competitors on the market) operate on a relatively big area about 3-5 mm².
 - Jett Plasma Lift Medical uses DC fulguration with the spark flow area of **0,1 mm²**.
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OTHER DEVICES vs. JETT PLASMA

str. xx/xx

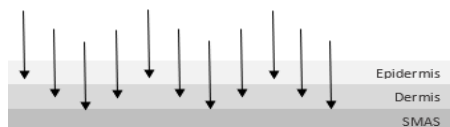
AC (Alternating current)



3 – 4 mm²



Dot by dot only



Usually simple apocator

N/A

N/A

Technology

Size of discharge

Unique treatment method

Depth control

Diversity

Universal

Worldwide

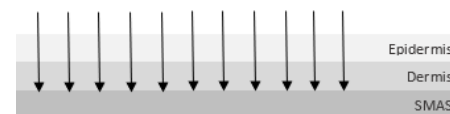
DC (Direct current)



0.1 mm²



Scanning + dot by dot



1. Medical golden applicator
2. Four cosmetic heads

Dermatology, ophthalmology, gynecology, in close future also proctology, stomatology, ORL

CE 1023 (EU), KFDA (South Korea), INMETRO (Brasil), Ukraine
In process: FDA (USA), CFDA (China), TFDA (Taiwan), Russia, COFEPRIS (Mexico), TGA (Australia), Belarus, Moldova, Kazakhstan, Uzbekistan, Malaysia, Singapore, Indonesia, Israel, UAE, KSA (Saudi Arabia)



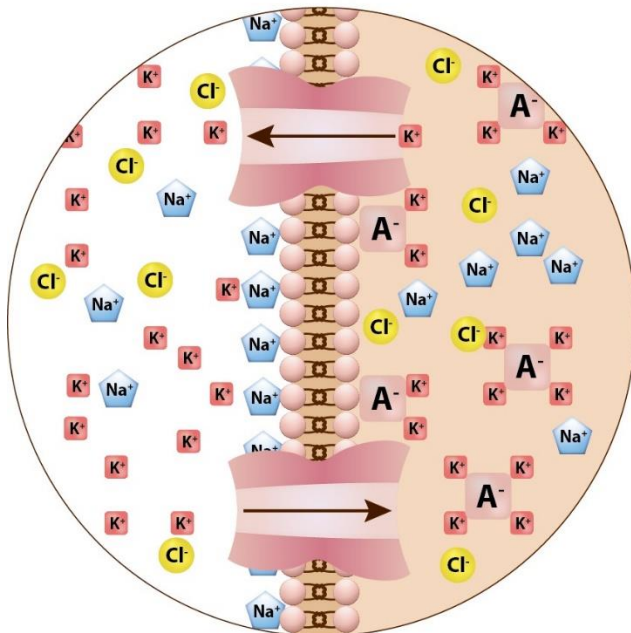
- Discharge (2mm above the skin – only with gold tip):
 - heating, burning, anaesthesia needed
 - effect of plasma flows on tissues is a very effective peeling, tissue **recovery**, its **tightening**, improvement of flexibility and it also **stimulates immunity** and resistance of the tissues.
 - Galvanization (moves on the skin – silver tips):
 - only tingling, no burning, without anaesthesia
 - every cell has a membrane potential on its membrane. Inner side of the membrane has a negative charge, the outer side has a positive charge. As the skin **is ageing**, the electric charge is distributed **alternatively** along the membrane, and the electric voltage of the membrane is **changed**.
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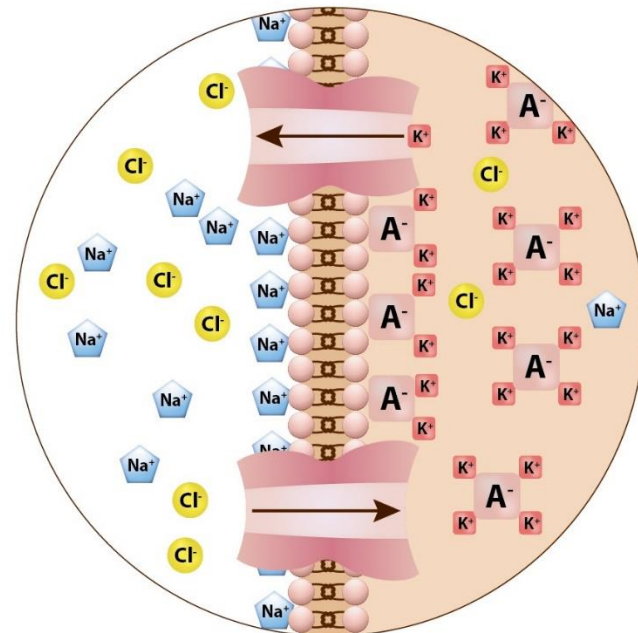
Plasma

str. xx/xx

Before



After





- 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.
 - A relatively low electric power, **at 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.)
 - The discharge is applied with a smaller power (1.8 W), compared to common electrocauters.
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Indications

str. xx/xx

- angioma senilis
 - verrucae seborrhoicae
 - verrucae plane
 - angiokeratoma
 - teleangiectasis
 - lentigo
 - fibroma molle
 - keratoacanthoma
-



Indications

str. xx/xx

- condyloma accuminata
 - moluscum contagiosum
 - verrucae vulgares
 - verrucae filliformes
 - naevus capillaris
 - naevus arraneus
 - keratosis actinica
 - keratosis senilis
 - keratosis seborrhoica
-



Types of treatment

str. xx/xx

- Superficial and deep wrinkles
 - Small warts – removal
 - Fibromas and hemangiomas
 - Couperosis (dilated vessels) – for closing vessels
 - Pigment spots
 - Scars and small stretch marks, spider veins
 - Bleeding/ capillary bleeding/ after a minor surgery/ stops bleeding
-



Contraindications

str. xx/xx

- 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
-



Case interpretation

str. xx/xx

- 50 years old patient
- after surgical blepharoplasty 6-7 years ago
- main problem: superficial and deep wrinkles around the eyes





Protocol of treatment (EUROPE)

str. xx/xx

- **Before**

- disinfection
- local anaesthesia without vasoconstriction part like epinephrin etc.
- treating upper and lower eye lid – scanning 5-7 min. to visible flush or erythema



Protocol of treatment

str. xx/xx

- erythema means warming dermis and starts tissue **recovery**, its **tightening**, improvement of flexibility and it also **stimulates immunity** and resistance of the tissues
- apply dot by dot only on upper eye lid – deeper damage of the skin



contraction of collagen



Protocol of treatment

str. xx/xx

- apply JETT Serum Liftvital with **hyaluronic acid** and **vitamin C** for faster healing, deep hydration and neocollagenesis boost.
 - The combination of **vitamin C** and **lactic acid** in the correct composition prevents the formation of unwanted pigmentation after the treatment.
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After treatment

str. xx/xx

- 2nd - 3rd day after: **erythema, oedema, scab**
(crusts)
 - 4th day after: small erythema, without oedema and **separating or peeling scabs**
 - 5th - 8th day: area around the eyes **without** the scabs
 - without any **different colours** of treated area
 - patient can apply make-up
 - seeing **rejuvenation** skin, **reduced** wrinkles, skin **tightening**
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Recommendation

str. xx/xx

- apply suncream SPF 50+

- use sunglasses

about 2 months



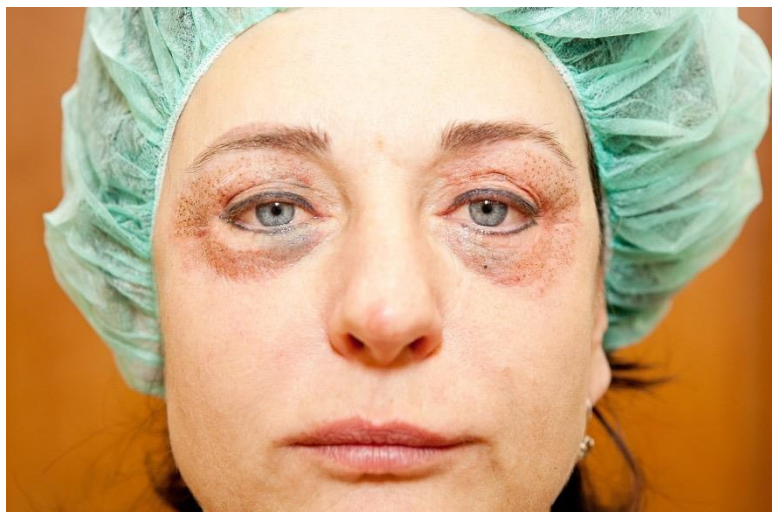
- the top results after 2-3 months

- for benefit can use cosmetic treatment with Jett Plasma Lift
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After the treatment

str. xx/xx





Pictures 4 days after

str. xx/xx





Pictures 3 months after

str. xx/xx





Before/After

str. xx/xx





Conclusion

str. xx/xx

- excellent results
 - absolutely safe (ophthalmologist examination after treatment, eyes without any problems, any damage)
 - possibility treatment of delicate area of the eyes
 - patient's satisfaction
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COMPEX, spol. s r. o.

A/ Palackého tr. 105, 612 00 Brno

T/ +420 606 071 596

E/ export@jett.eu

WWW.JETT.EU