



JETT PLASMA LIFT MEDICAL
FOR OPHTHALMOLOGISTS



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...the only direct current plasma device in the world!

Turn your surgical treatments of ectropion, entropion, eyelid ptosis, blepharitis and others into non-surgical ones with our patented device.



JETT PLASMA LIFT MEDICAL

OPHTHALMOLOGY SET



CE 0123



JETT PLASMA LIFT MEDICAL

OPHTHALMOLOGY SET



JETT PLASMA LIFT MEDICAL

+

Plasma Pen extension

+

Ophthalmology applicators

+

Metal stand



JETT PLASMA LIFT MEDICAL

OPHTHALMOLOGY SET



- The set is equipped with a Plasma Pen extension, **light**, and **ergonomic** pen.
- It can be **easily operated** by your forefinger and the handheld switch and ensures optimal ease of use and mobility.



JETT PLASMA LIFT MEDICAL

OPHTHALMOLOGY SET



- Equipped with 7 applicators
 - 5 silver applicators for contact electroporation treatment
 - 2 golden applicators for mini-invasive procedures



JETT PLASMA LIFT MEDICAL

OPHTHALMOLOGY SET



- **Gold applicators** create plasma easily by holding the tip a few millimetres above the skin.
- **Silver applicators** when in contact with the skin, are for electroporation rejuvenating treatments of the face and any body parts and the treatment of mild forms of blepharitis. Effect on meibomic glands .



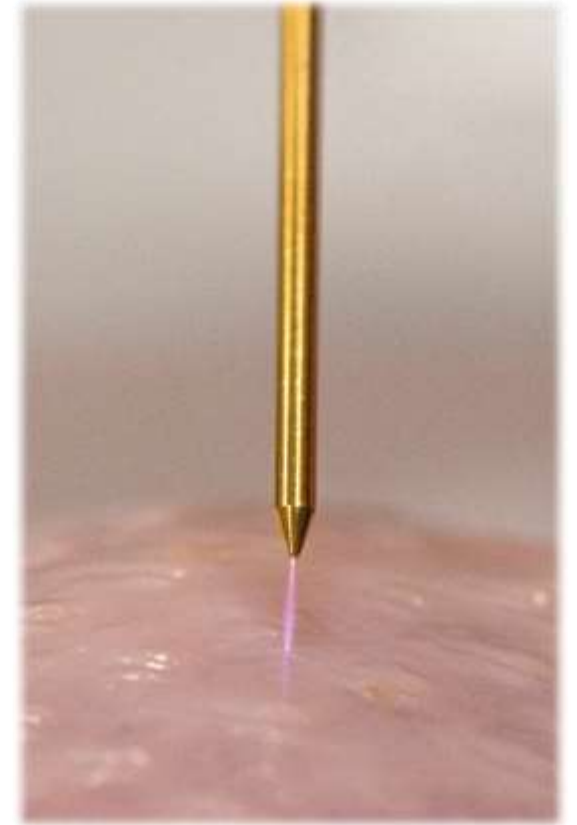
Ophthalmology Applicators

- SPECIAL THIN TIPS FOR OPHTHALMOLOGY PROCEDURES
- Treatment of anterior and posterior eyelid
- Treatment of ocular mucosa



What is PLASMA?

- Plasma is the 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.
- JETT PLASMA LIFT MEDICAL uses DC fulguration with the spark flow area of only 0,1 mm².

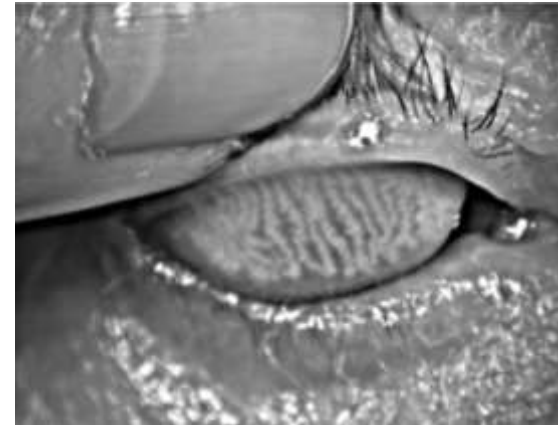


Ophthalmology Indications

- Chronic blepharitis
- Ectropion
- Entropion
- Trichiasis & Distichiasis
- Xanthelasma
- Non-invasive blepharoplasty
- Aesthetic scar treatment (after surgical blepharoplasty)
- Removal of benign lesions

Blepharitis = Meibomian Gland Dysfunction

- Patented technology of Direct Current generates stable, very precise and targeted plasma stream.
- **Release of meibomian gland margins**
- **Softening of gland content**, loosening and liquefaction of sebum and removal from the glands thanks to the generated heat
- **Anti-inflammatory effect** – thrombosis of the vascular system round the Meibomian glands may play a role in reducing the local release of inflammatory mediators



Blepharitis = Meibomian Gland Dysfunction

- **Elimination of the bacterial flora** in the glands and their surroundings
- **Increase of elasticity of the ligament fibers** round the glands and their outlets (due to DC current)
- Plasma helps to **increase production of the non-inflamed Meibomian glands**

Blepharitis Treatment



Case 1 - Blepharitis

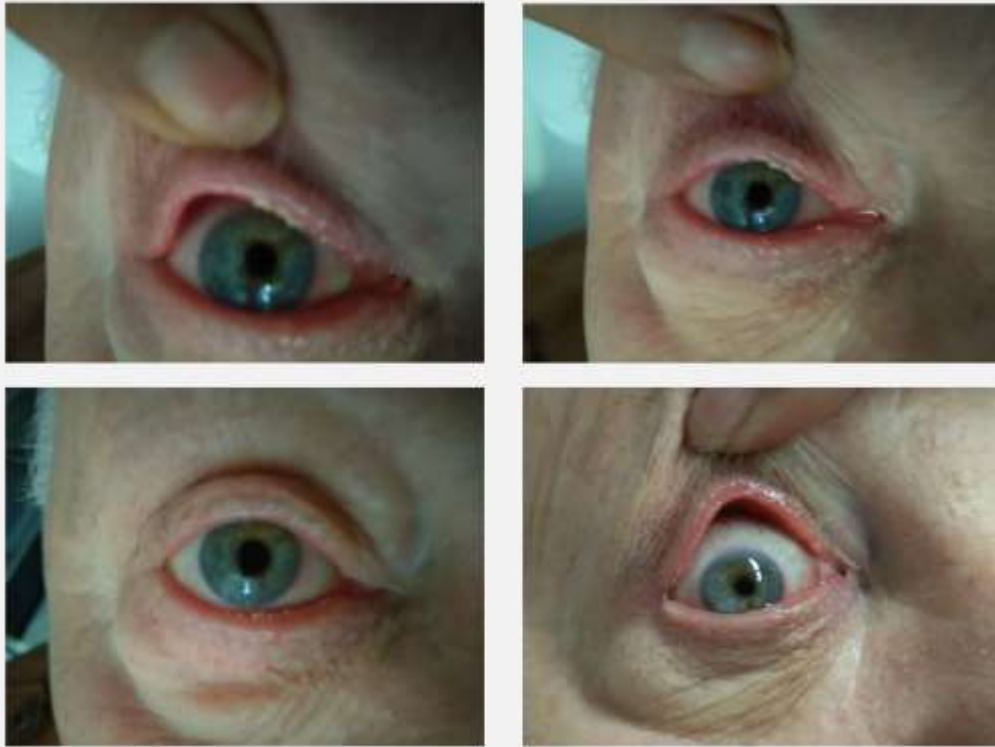
Sex and age	Man, 75 years
Diagnosis	Chronic blepharitis and dry eye syndrome since 2014
Treated with	JETT PLASMA LIFT MEDICAL with Plasma Pen
Used applicator	Golden ophthalmic applicator
Discharge intensity	Degree 5
Anaesthesia	Local anaesthesia (Supracain 4 % 0.2 ml s.c., Benoxi drops)

The patient has been treated for chronic blepharitis and dry eye syndrome since the year 2014.

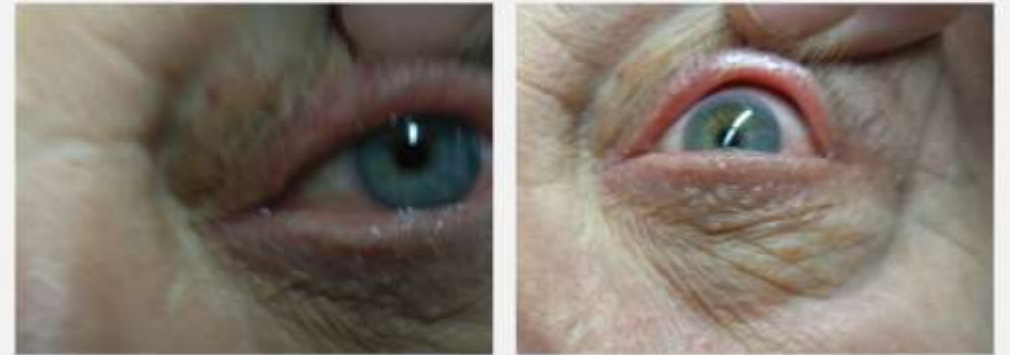
Local therapy: Blefagel for eyelids, topical antibiotics in case of trouble, artificial tears, eyelid hygiene, warm compresses, massages. Eyelid expressions were performed repeatedly according to the patient's condition.

Case 1 - Blepharitis

Before



After 1 week



Case 1 - Blepharitis

After 1 month



After 3 months



Ectropion

- **Non-surgical** treatment
- Suitable even for patients using blood thinner medication
- For lighter ectropion forms or as an additional retractive treatment
- Carbonization of tissue, its contraction and return to its original position



Before



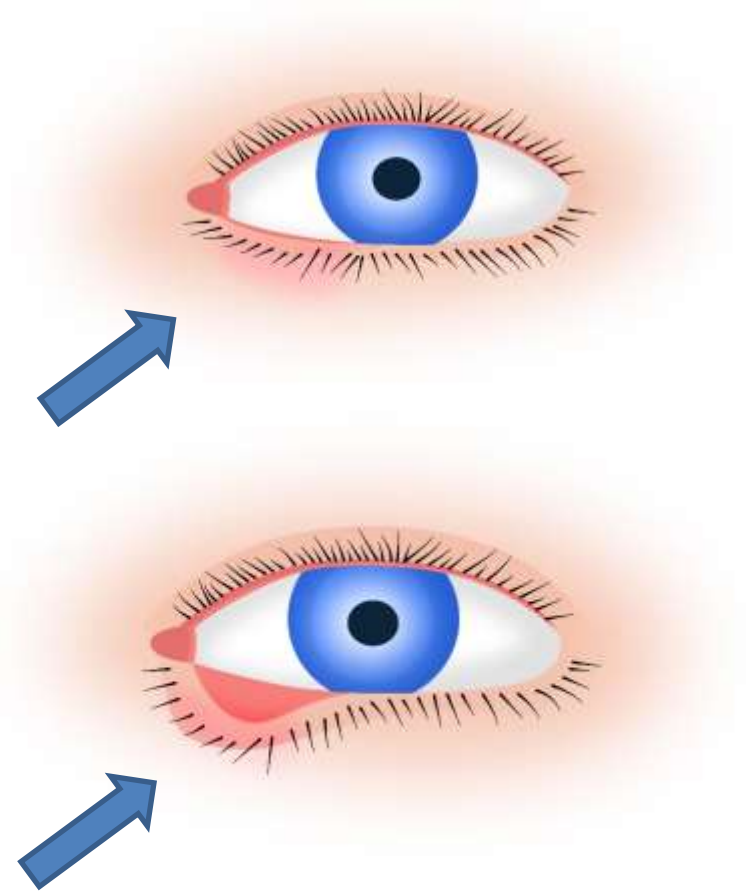
After



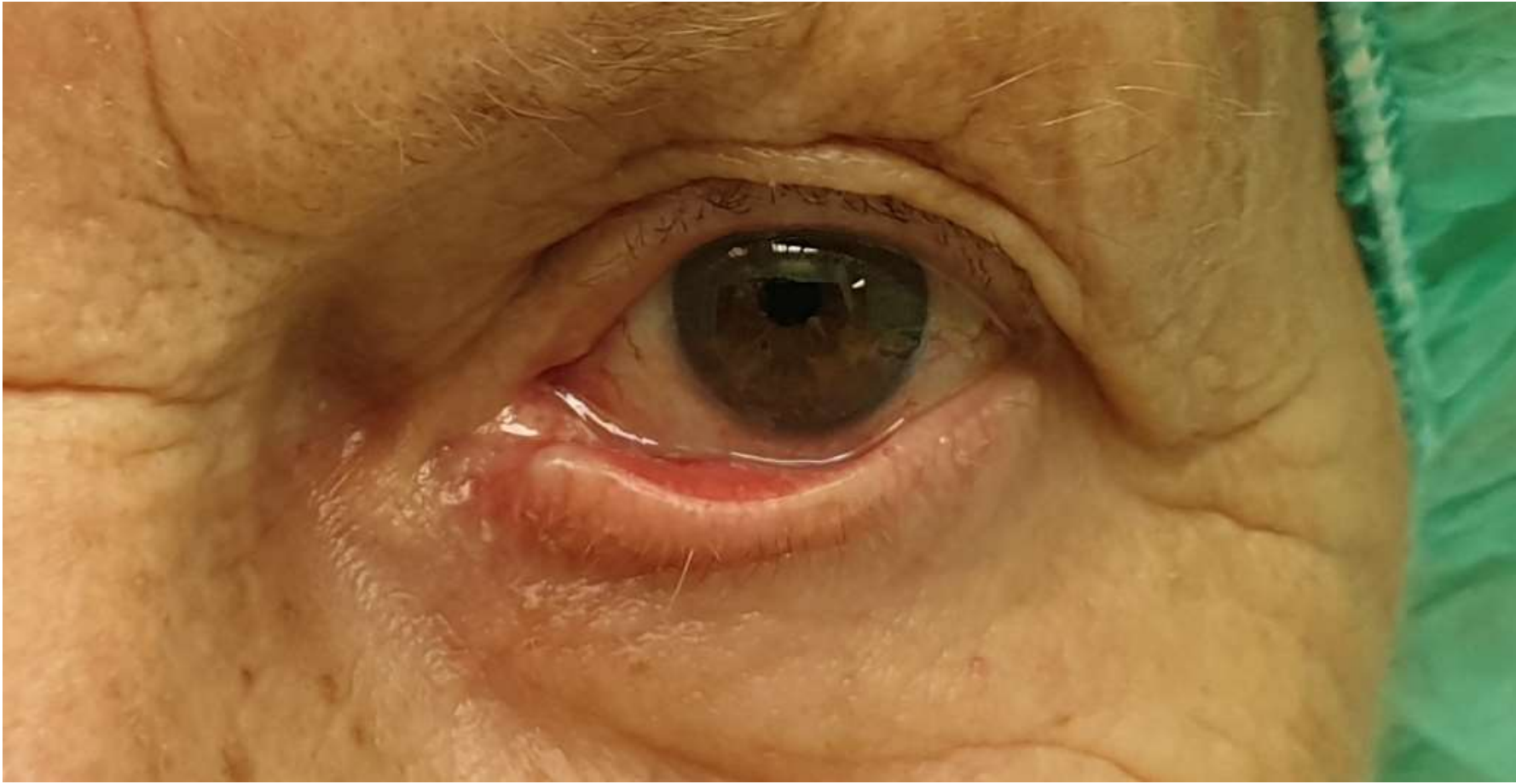
After

Case 2 - Ectropion

- Patient, 91 years old
- Diagnosis: Ectropion at the the tear point of the lower eyelid on the right
- Performed operation – without sufficient effect
- thereafter the JETT PLASMA treatment was applied 2 weeks after operation
- Effect after JETT PLASMA treatment is more than satisfactory



Case 2 - Ectropion

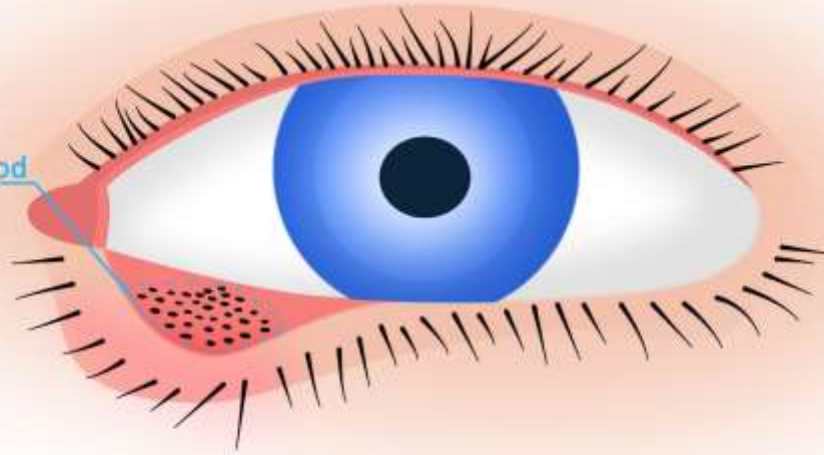


Courtesy of MUDr. Marie Petrikovitsová, Military Hospital Brno, Czech Republic

Case 2 - Ectropion

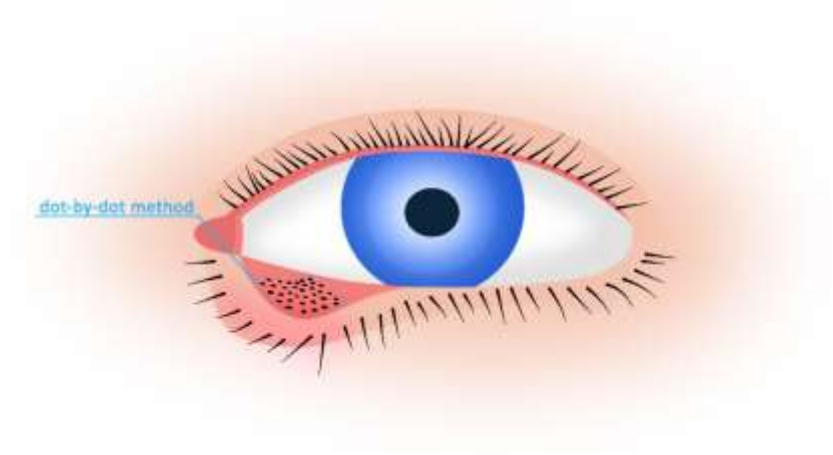
Treatment protocol:

dot-by-dot method



Case 2 - Ectropion

- Use dot-by-dot method
- Doctor modified the JETT protocol according to patient's condition and combination with surgical treatment
- The dot-by-dot method was applied only in the inner side of the eyelid, inner corner – as on the picture.



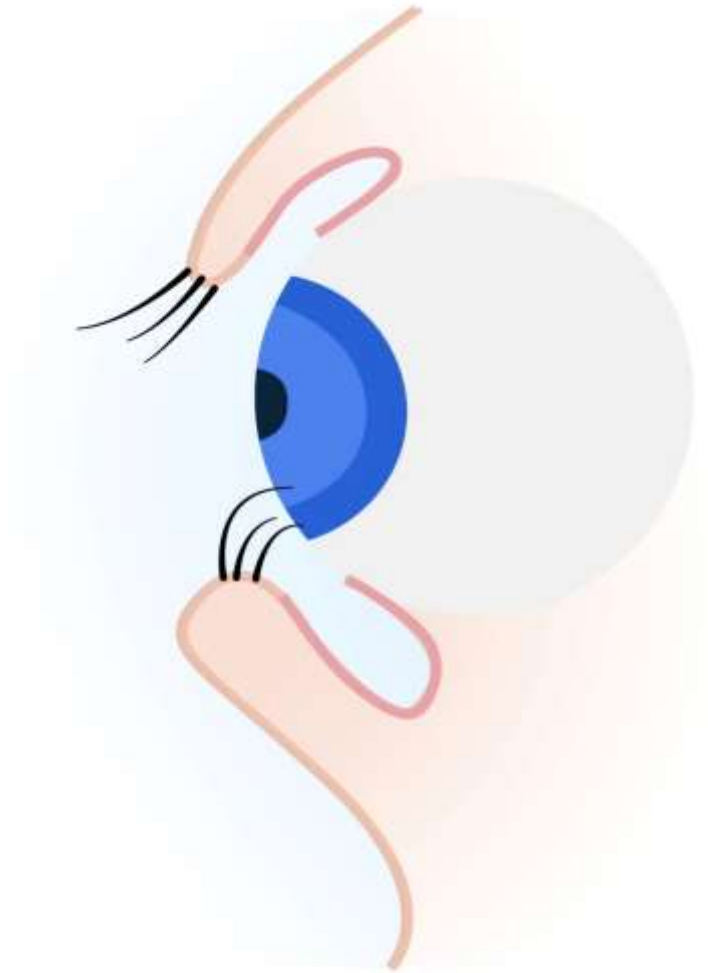
Case 2 - Ectropion



Courtesy of MUDr. Marie Petrikovitsová, Military Hospital Brno, Czech Republic

Entropion

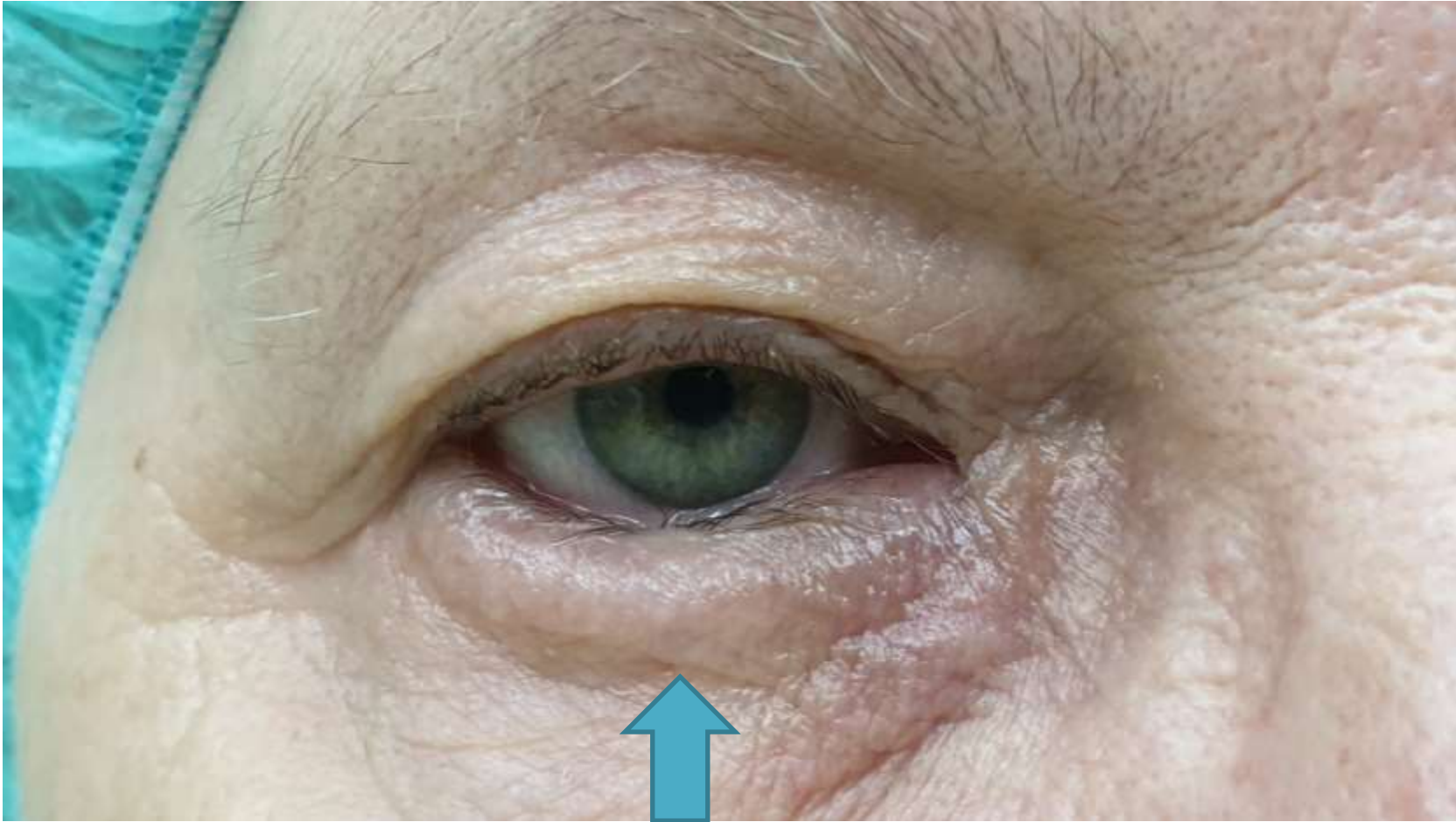
- **Non-surgical** treatment
- Suitable even for patients using blood thinner medication
- Carbonization of tissue, its contraction and return to its original position



Case 3 - Entropion

- Patient, 70 years old
- Entropion of the lower eyelid of the right eye
- Patient was treated according to JETT protocol

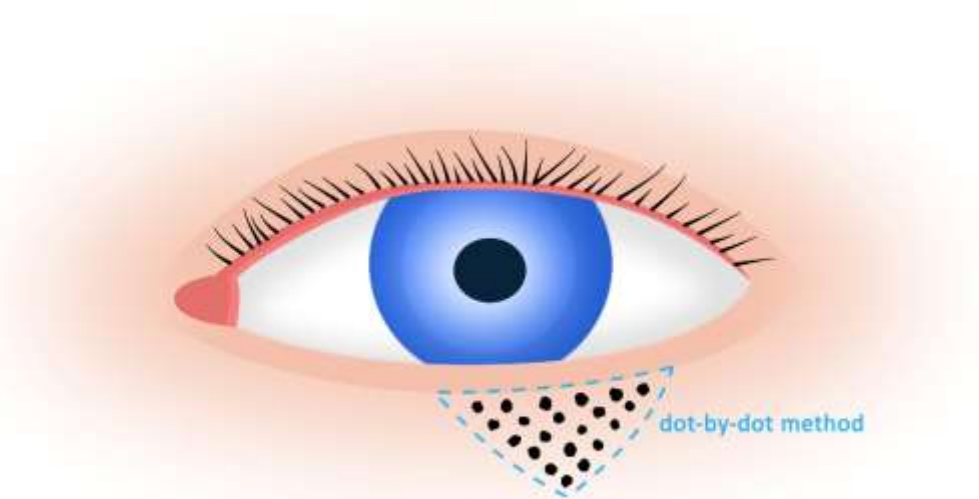
Case 3 - Entropion



Courtesy of MUDr. Marie Petrikovitsová, Military Hospital Brno, Czech Republic

Case 3 - Entropion

- Treat the area with dot-by-dot method in the line below the algal margin and then mark the triangle points down from the edge of the lid
- The recommended size of the treated area is 4-5mm from the edge of the lid in a width of 4-5mm wide



Case 3 - Entropion

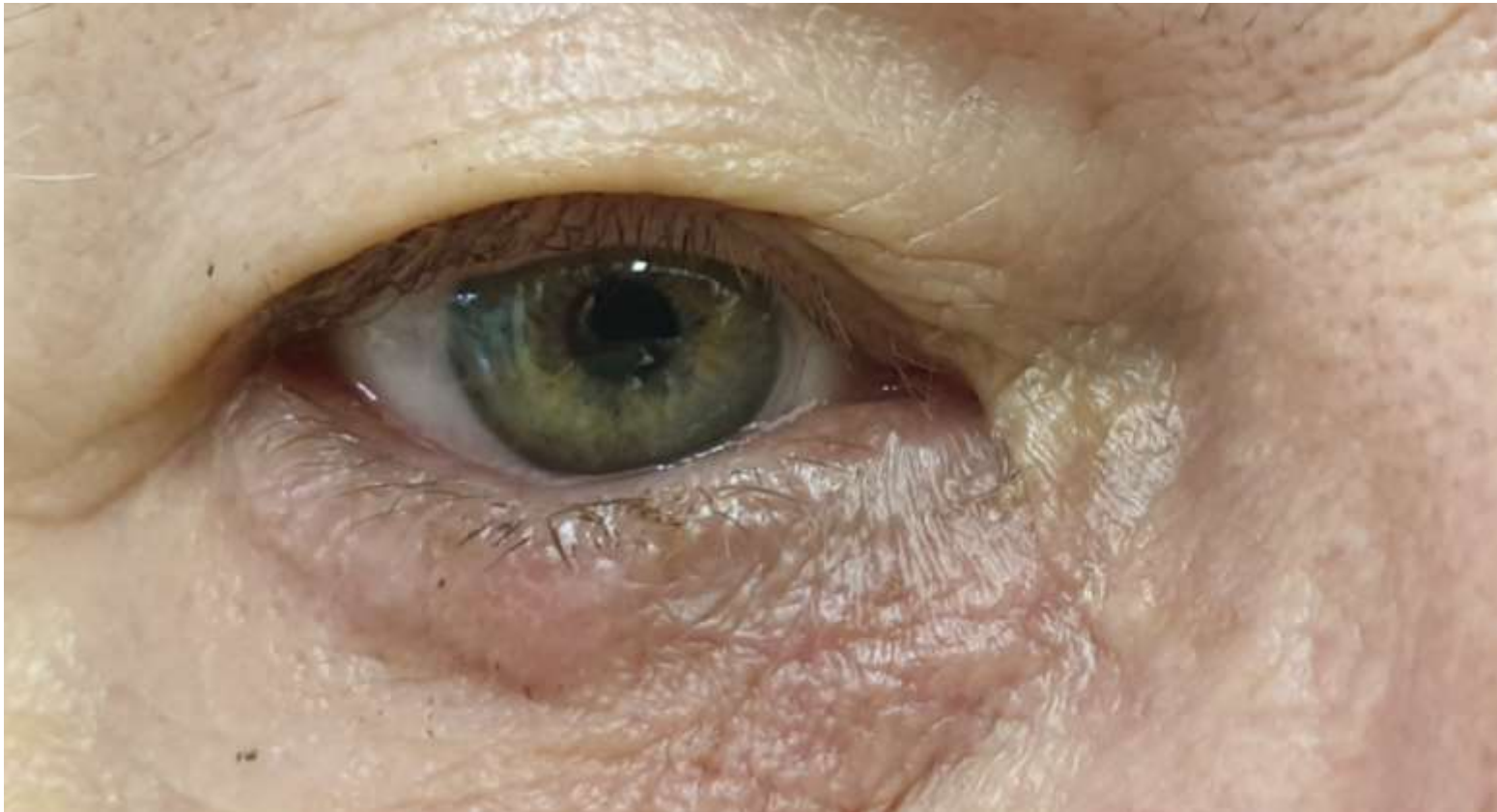
Immediately after treatment



Courtesy of MUDr. Marie Petrikovitsová, Military Hospital Brno, CZ

Case 3 - Entropion

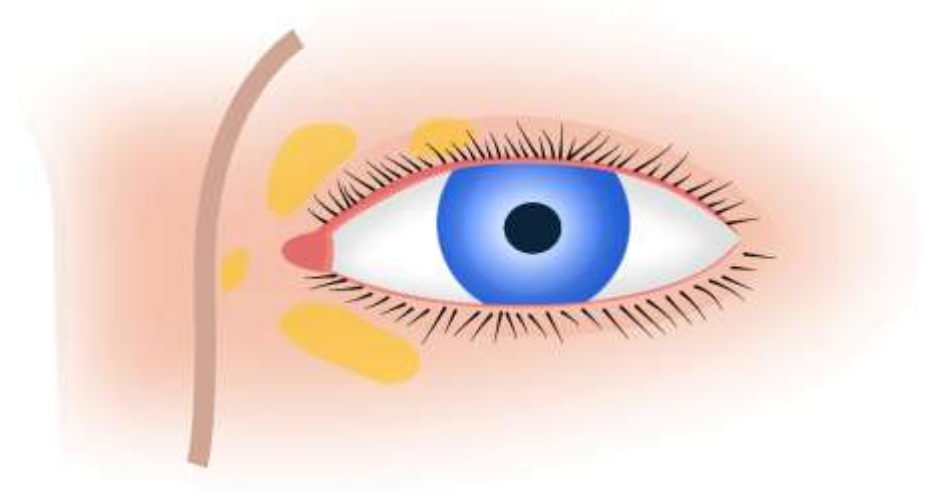
1 month after



Courtesy of MUDr. Marie Petrikovitsová, Military Hospital Brno, CZ

Xanthelasma

- **Non-surgical** treatment
- Carbonization of the tissue by scanning method
- Wipe the coagulated layer away to check that the whole lesion is removed



Xanthelasma



Before



After 3 months



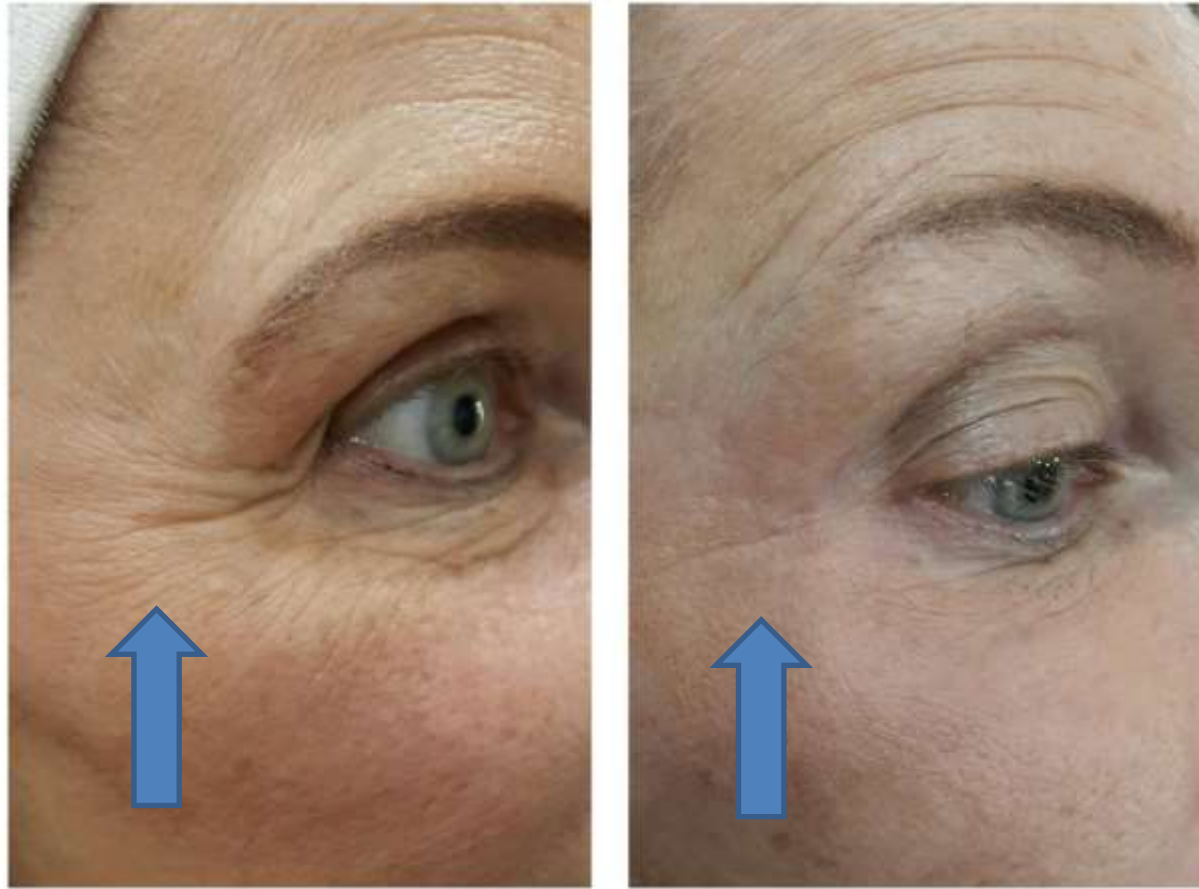
Courtesy to Dr. Tadaaki Yamada
Clínica Image Care, Brazil

Xanthelasma



Courtesy of Irena Pluhar, Amazing Aesthetic Medical, Germany

Non-invasive blepharoplasty upper & lower eyelid



Courtesy of Irena Pluhar, Amazing Aesthetic Medical, Germany

Non-invasive blepharoplasty upper & lower eyelid



Courtesy of Irena Pluhar, Amazing Aesthetic Medical, Germany

Non-invasive blepharoplasty upper & lower eyelid



Courtesy of Dr. Tadaaki Yamada, Clínica Image Care, Brazil

Scar smoothing

Before



14 days after



Fibroma removal



before

immediately after



3 days after

10 days after



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