

CHALLENGING CASES BEFORE AND AFTER IMAGES TREATMENT PROTOCOLS AND CLINICAL OUTCOMES USING PLASMA EXERESIS

EIRINI GEORGIADOY

Surgeon ophthalmologist MD, PhD
MASTER IN AESTHETIC MEDICINE

Plasma exeresis

- It is an innovative device that uses plasma in order to treat a variety of conditions. The device, which has received FDA approval, works through the non-ablative process of sublimation. Plasma is formed through the ionization of argon/diethyl gas, which works to stimulate the contraction, shortening and tightening of skin fibers, thus resulting in the reduction of the skin surface.

Treatment protocol

- For beginners it is better to draw the areas. Taking before and after photographs is necessary in order to compare the progress and the results. Local anesthetic cream is required for 20 to 30 minutes prior to the procedure. It is important to sanitize before treatment. According to the problem we can perform certain plasma "spotting" or "spotting" techniques: spot by spot technique: the points are spaced out every few millimeters forming a triangle or number 2 and in smaller areas dig bag.

After the session

- It is very important to give the patient all the information following the treatment in order to avoid any skin reactions or problems. Following the treatment the eyes will swell. The swelling is temporary and will last approximately 2 days. The spots have 7 to 10 days to disappear. The redness of the skin is regressive and the edema will become normal in less than a month. Patients must wear sun protection around the treated area. Sun protection with SPF 20+ in the form of non-oily cosmetic make up is needed to prevent skin from hyperpigmentation. In the case of blepharoplasty 2-3 sessions may be required with one session per month.

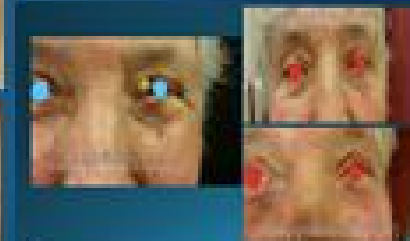
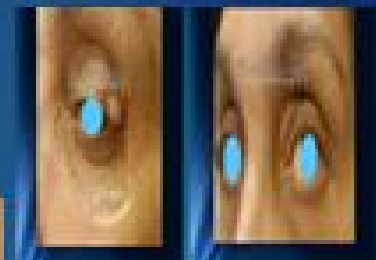
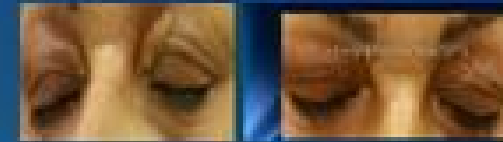
Benefits and contraindications

Plasma exeresis used for aesthetic reasons can improve the quality of life of the patient increasing self-esteem and satisfaction. It is a great option for someone who is afraid of surgery. Because there are no complications, the patient can immediately return to his work and daily activities. After each session the patient feels more confident and beautiful, and this is a great benefit for someone's health.

Plasma indications in ophthalmology

Blepharoplasty

- Upper eyelids (loose skin due to aging process)
- Lower eyelids (bags under the eyes)
- Crow's feet



- Keratosis
- Chloasma
- Cysts
- Keratosis
- Hemangioma
- Some temporary cosmetic surgery treatments (like eye lift or skin lift) can be used in Plasma

Plasma contraindications

- Certain medical conditions and medications