

# “ANTI-AGING TREATMENTS IN THE PERIOCCULAR AREA: 30 CASES”

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**AIM:** The aim of this study was to explore the results and benefits of four different anti-aging treatments in the periocular area of 30 patients in a short period of time (two months).

**METHODS:** We divided our patients in four groups according to the treatment they received. We recruited the patients to each group according to their age, phototype (Fitzpatrick scale), photoaging, skin laxity and their special needs. **Non invasive blepharoplasty with PLEXR (plasma exeresis)** was performed in the first group of patients (11 in total: 9 women, 2 men, 40 – 78 years old) for dermatochalasis . **Mesotherapy with Skin Colin** was performed in the second group of patients (6 in total all women, 42 – 59 years old) for fine wrinkles in the periocular area . **BOTOX<sup>®</sup>** was performed in the third group of patients (7 in total: 6 women and 1 man, 39 – 55 years old) for wrinkles in the periocular area . A **compound peeling White Peel<sup>®</sup>** was performed in the fourth group of patients (6 in total: 5 women and 1 man) for dyschromias in the periocular area and photoaging spots.

The patients received one, two or three sessions of treatment according to the group they were recruited. The follow up was 2 months from the initial treatment. Photos were taken before, just after treatment, after 1 month and after 2 months. All patients signed an informed consent form before treatment.

We compared the photos of the patients before, right after, after 1 month and after 2 months from initial treatment and evaluated the anti-aging effect of the different treatments and if there were any side effects. For the evaluation of the results according to the patients, we set a satisfaction scale of 1 (no difference) to 4 (very satisfied).

**RESULTS:** In the first group (**PLEXR**), after the first session of treatment 45,4% of patients were slightly satisfied, 36,4% were satisfied and 18,2% of patients were very satisfied. After the second session of treatment, 25% of patients were slightly satisfied, 50% of patients were satisfied and 25% were very satisfied.

In the second group (**mesotherapy with skin Colin**), 50% of patients were slightly satisfied, 33,3% of patients were satisfied and 16,7% of patients were very satisfied after two sessions of mesotherapy.

In the third group (**BOTOX**), four patients did not need any further treatment and 3 patients needed additive treatment. In the end, all patients were very satisfied.

In the fourth group (**compound peeling WHITE PEEL**), after 3 sessions of treatment, 33,3% of patients were slightly satisfied and 66,7% of patients were satisfied.

In all study groups no serious side effects were noticed.

**CONCLUSION:** The periocular area is very important in the field of face rejuvenation. There are many different treatments that we can use to achieve a positive result. Some treatments have immediate effects such as BOTOX and others that need more time and more sessions. In our study, the majority of patients were satisfied with the treatment that we proposed and performed, according to patient's age and particular needs. We need to prolong our follow up and perform more sessions in order to achieve even better results.

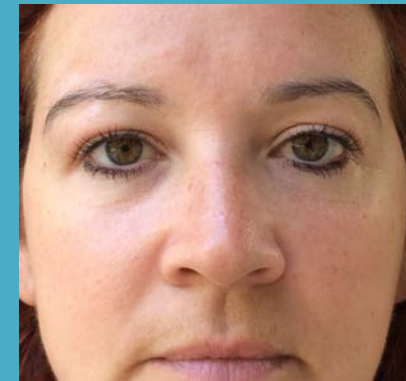
## Non invasive blepharoplasty (PLEXR) Group 1

Before treatment

After treatment



After 2 months (1 session)



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## Non invasive blepharoplasty (PLEXR) Group 1

Before treatment

After treatment



After 2 months (2 sessions)



## BOTOX Group 2

Before treatment



After 2 months



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## Mesotherapy with Skin Colin Group 3

Before treatment



After 1 session



After 2 sessions



## White Peel Group 4

Before treatment



After 3 sessions

