Picosecond Laser For Reduction of Wrinkles: Long Term Results

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Study Design:

- Prospective study with 20 female subjects, skin type II and III, with peri-oral and peri-ocular wrinkles.
- A 755 nm 750 picosecond laser was delivered via diffractive lens array (DLA) optic.
- 4 full face treatments with 4000 – 6000 pulses.
- At 6 months, blinded physician grading and subject satisfaction were rated.

Results:

- All patients tolerated the treatment well with no major complications.
- At 6 months follow-up, 94% of subjects scored as satisfied, and 78% were likely to recommend the treatment.
- Physician ranking was 78% of subjects improved on a Global Aesthetic Improvement Scale (GAIS), with noticeable results in 83%. Average Fitzpatrick Wrinkle Scale (1-9) at 6 months follow up was 3 with average overall improvement of 2.7.

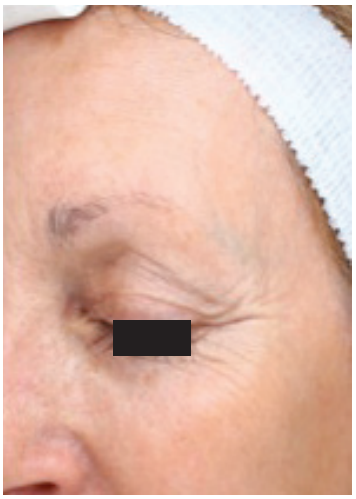
Conclusion:

- A 755 nm picosecond laser utilizing a DLA is an efficient tool to treat wrinkles and global photo damage with minimal side effects and downtime. Results showed continued improvement beyond 6 months.

Baseline

6 Months Post 4 Tx

Baseline



6 Months Post 4 Tx

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