

Retrospective Evaluation of the Safety and Efficacy of Laser Hair Reduction with the 755nm Alexandrite Wavelength with 8 year Follow Up

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Study Design:

- A chart review and patient assessments were conducted at 2 follow-up intervals.
- All subjects were treated with the Elite 755nm Alexandrite Laser.
- At the 1st follow-up the physician and patient assessed clearance and satisfaction. At the 2nd follow-up patients were asked to compare clearance to the first follow up.
- 422 subjects, male (18, 4%) and female (404, 96%) with skin types I-IV and 35 (+/-11.4) years were included.
- All subjects received 4 or more treatments.

Results:

- Subjects treated on the axilla, bikini, breast and abdomen, and lower extremities had 75%+ clearance after 4 treatments on average.
- Facial areas needed 5 treatments on average for 65%+ clearance.
- The first follow up was conducted 3.4 (+/-1.6) years after their last treatment.
- 81% of these subjects received 75-100% clearance as reported by the physician and 53% by the subject.
- A majority (63%) of subjects reported their hair growth was slower, and 33% reported there was no change in hair texture.
- Long term adverse events were minimal. Three (.5%) subjects reported an outbreak of herpes infection.
- All complications that were reported were located on the face.



Pre Treatment



10 Years Post 3 Tx



Pre Treatment



8 Years Post 5 Tx

Conclusion:

- The 755nm alexandrite laser is a safe and efficacious treatment for the reduction of unwanted hair with long term patient satisfaction and results.