## Er:YAG Laser Resurfacing Treatments

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## SUMMARY

Er:YAG laser treatment can be used for treating different depths of skin. Several methods of treatment have been used in the skin resurfacing procedure, depending on the skin type, skin damage, age and gender of the patient.

Objective of this paper was to evaluate the effects of deep ablative skin rejuvenation with Er: YAG lasser, which are described on patients with visible skin damage. For these patients this is the optimal solution.

The different effects on apearance between men and women are shown. The laser procedure was executed without the application of pre-medication or anesthesia, althought there were some exceptions when we applied anaesthesia. All patients were subject to intensive cooling of the affected area. Er:YAG laser with the wavelength of 2940 nm was used. We performed single and repeated treatment. Once we see punctuated bleeding of the papillary dermis we have reached the clinical end point of the resurfacing treatment. How fast this bleeding appears depends on the treatment level What is the main goal of the treatment, is it useful to repeat this kind of treatment, with all the discomfort, pain, long regeneration time, possible side effects? The difference between gender, skin type, age, lifestyle will be described and shown.

The comparison of results between pre, mid and post treatment will be presented, as well as short and long term achievements. It is the successful method when there are no other options left.

## REFERENCES

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