



LASERS

TREATMENT OF RHYNOPHYMA WITH ERBIUM YAG

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Background: Rhinophyma is characterized by a progressive thickening of nasal skin, which produces a disfiguring soft-tissue hypertrophy of the nose. It's a benign dermatologic disease of the nose affecting primarily men in their fifth to seventh decades of life. Main reasons that urge the patients to seek help are plastic cosmetic and functional impairments such as nasal obstruction.

Objective: We present our treatment with the application of (Erbium:YAG) laser in the treatment of Rhinophyma.

Materials and Methods: A 72-year-old male patient presented for the treatment of a Rhinophyma. In short-term iv anesthesia we performed 2940 nm Erbium:YAG laser (spot size: 3 mm/5 mm, energy: 8 J/cm², speed 10 Hz) to treat the patient lesion.

Results: We started with laser ablation following the previous markings of the whole nose using the whole time intra operative local cooling and compression with local solution of adrenalin. Immediately after the operation we use compressive bandage and peroral antibiotics and mild analgesia. After laser ablation the skin started with spontaneous re-epithelization of the surface without scarring. We follow the patient with photo documentation before and after 60 days of the whole procedure. As home therapy we prescribe sun screen protection for the next 3 months and moisturizing lotion.

Conclusions: In our report Rhinophyma of nose responded well to Erbium:YAG laser treatment.

