

Alma CO2 Surgical Laser use in Sheba Tel-Hashomer's Oral and Maxillofacial Surgery

Alma's CO2 surgical laser is being successfully used for treatment of various Oral Surgery pathologies in Sheba Tel-Hashomer Hospital's Oral and maxillofacial surgery (OMS) Outpatient Clinic.

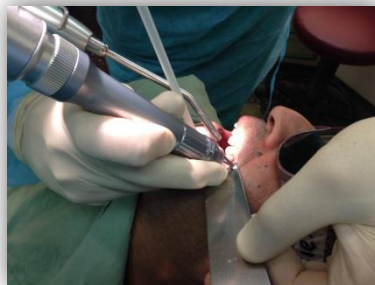


Procedures were performed by Dr. Rahima, B.Med.Sc., D.M.D., Specialist in oral and maxillofacial surgery.

Alma CO2 Laser is providing surgeons with higher precision for char-free tissue ablation, vaporization, excision, incision and hemostasis. The system is supported by a set of accessories that extend operating performance and flexibility, even in the most delicate oral cavities.

Provided with the CO2 surgical laser is Alma's unique Variable Spot Size (VSS) handle that allows physician to set the density focus range between 1-4mm (focus-defocus action) for better defining treatment area and supporting coagulation process.

This unique handle allows physicians for extremely high level of control over their treated area and removal of afflictions while



congealing the treated area. Patients' does not feel any discomfort and experience minimal to not bruising post procedure.

According to Dr. Rahima "Alma CO₂ laser performance was remarkable. It was intuitive and easy to use and provided outstanding results. It is an ideal solution for treating various types of oral pathologies such as Fibroma, Vascular Lesions and other benign tumors. Procedure time is dramatically reduced and patients are experiencing less bleeding and discomfort." Dr. Rahima add, "Patients are checking out the clinic experiencing minor bruising and require for little to no downtime at all".

1st Case: Leukoplakia - Ablation using VSS HP

Patient with Leukoplakia lesion arrived post Incisional Biopsy for elimination of the residual lesion.



Pre Procedure



Post Ablation

Physician utilized Alma VSS handle, set for 3W and 2mm radius. Provided with local anesthesia, treatment time lasted less than 10 minutes and involved no bleeding or stitches required.

Previously, unable to use Alma CO2 surgical laser, the physician would have been forced to remove the lesion with a scalpel and close the tissue using local stitches. This would have caused the patient a longer healing time, discomfort and periodontal defect.

2nd Case: Venus-Lake Ablation of the Lower Lip

Patients with Double Lesion located on the vermilion area of Rt. Lower lip. . Post local anesthesia, physician has used 100mm HP handle setup 3.5w in a continuous mode.



Pre Procedure



Post Ablation

Procedure time lasted less than 10 minutes and resulted in almost no signs for intervention.

3rd Case: Varices Burning

Patients with Varices (enlarged blood vessels) located on the left lower oral vestibule area. Post local anesthesia, physician has used 100mm HP handle setup 3.5w in a continuous mode. The procedure has time was less than 10 min and the patient experienced no bleeding and required no stitches.



Pre Procedure



Post Varices Burning

About Alma Laser Surgical: *Alma Surgical is bringing a new standard in minimally invasive laser solutions from gynecology, urology and phlebology to plastic surgery and dermatology. Providing superior results and reduce treatment time, for safer and more efficient practice and patient care. Alma Surgical is a division of Alma Laser, a global developer, manufacturer and provider of laser, light-based, radiofrequency and ultrasound devices for aesthetic and medical applications.*