

# Livro de Programa

## Program Book

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FEDERAÇÃO MUNDIAL DE LASER EM ODONTOLOGIA  
II Meeting of the South American Division of WFLD

VI CONGRESSO BRASILEIRO DE LASERS EM  
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## **An Alternative Approach for Reopening Implant Surgery**

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**Introduction:** Following the trend of minimally invasive procedures, laser in dentistry has been considered an excellent tool in assisting and implementing extremely conservative therapeutically techniques. The laser Er, Cr: YSGG has been used in soft and hard tissue surgeries due to its precision cut and easy handling.

**Proposition:** Evaluate if the Er, Cr: YSGG laser is effective In reopening surgeries with large amounts of attached gingiva and in situations in which procedures of gingival repositioning or grafting are not needed.

**Material and Method:** The laser Er, Cr: YSGG (2.94 $\mu$ m) has been used in the parameters for soft tissue procedures of: 2.5W, 60% air, 50% water, surgical tip T4/6 mm Z6/14mm.

**Conclusion:** The use of the laser requires only a small amount of anesthetic for the procedure it eliminates the need of incision, flap and suturing. Besides that, allows the impression immediately after surgery making the trans and post operatory shorter, thereby reducing the treatment time and increasing comfort for the patient.