



Laser in the daily practice , a step forward

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Abstract:

It's a great time for dentists to consider an update to their practices! This can be achieved through using new technologies such as Laser. Unlike traditional tools, dental lasers can improve their patients' experiences by eliminating anesthesia, pain, bleeding and fear, as well as accelerating the healing. In this lecture we will talk about different laser's wavelengths and discuss all their advantages and disadvantages, and the importance of using laser in Biostimulation, Veneer removal, Periodontal pocket disinfection, Root canal disinfection, cavity preparation, Depigmentation, Gingivectomy, Frenectomy, Orthodontics, Fibroma excision, Impacted canine exposure, Coagulation, tooth whitening, pain relief and Periimplantitis.

Biography:

Dr. Anas Karkout has been practicing Dental Laser since 2012. He has published on this subject in the Asia, Europe and the Middle East. He is an international laser trainer. Dr. Karkout was a guest lecturer in Italy, France, Spain, South Africa, Japan, Kuwait, Lebanon, United Arab Emirates and Syria. He holds a master degree in Dental Laser (Damascus University). Email: anas.karkout@hotmail.com

Publication of speakers:

1. Huber G., Kränkel C., Petermann K. Solid-state lasers: Status and future. JOSAB. 2010;27:B93-B105. doi: 10.1364/JOSAB.27.000B93.



2. Molardi C., Poli F., Rosa L., Selli S., Cucinotta A. Mode discrimination criterion for effective differential amplification in Yb-doped fiber design for high power operation. Opt. Express. 2017;25:29013-29025. doi: 10.1364/OE.25.029013.
3. Niemz M.H. Laser-Tissue Interactions: Fundamentals and Applications. Springer Science & Business Media; Berlin/Heidelberg, Germany: 2013.
4. Matsumoto K, Hossain M. Frenectomy with the Nd:YAG laser: A clinical study. J Oral Laser Appl. 2002;2:25-305.
5. Sarkar S, Kailasam S, Iyer VH. Effectiveness of Er,Cr:YSGG laser in the excision of different oral soft tissue lesions. J Indian Acad Oral Med Radiol. 2013 Jan-Mar;25(1):10-12.