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Randa Zein

Laser Dentistry University of Genoa, Italy

Practical Application Of Lasers In Every Day Dentistry

Background: In the past decades the concept of “Laser applications in Dentistry” has been established. This new concept implies several changes to widely adopted “cut and suture” and radical strategies when managing the caries and gingival procedures. New generation of Erbium and diode lasers have been introduced to dental clinics with very high success and patient acceptance rates. What can't not be solved using the traditional treatment, laser can be a good choice to resolve it.

In this lecture we will discuss the details of lasers application of hard and soft tissue lasers

1. What are the advantage of using laser over the traditional treatment
2. Hard tissue applications of lasers in dentistry
3. Soft tissue application of lasers in dentistry
4. Clinical cases presentation
5. Low level laser therapy from science to practice

Methods: A recent review about the use of lasers in dentistry was conducted .

Results: Dentistry today is evolving tremendously and the use of Lasers in Dentistry is a double –edged sword : if it is properly used, laser can be an initial and/or additional tool in our daily practice , whereas if it is misused it can lead to catastrophic results.

Biography

Randa Zein MD, DSS , PHD candidate. She has completed her MSc Laser Dentistry University of Genoa, Italy. Restorative and Esthetic specialist Toulouse university –France. She is a Head of the laser division in the international unions of universities. She is doing Private practice at Lebanon Beirut – Hamra – Main Street. She had many articles on Laser Dentistry and she is author and co- author of several articles on laser dentistry

appleclinic21@gmail.com