



Introduction to Laser Dentistry: Hard and Soft Tissue Lasers



Dr. Marina Polonsky
DDS, MSc in Lasers in Dentistry

The only **WCLI**
(World Clinical Laser and Imaging)
Institute certified trainer in Eastern Ontario

Dr. Marina Polonsky graduated from the University of Toronto, Canada in 1999, with the Dean's Gold Medal of Achievement. She maintains a private general practice in Ottawa, Canada, with focus on multi-disciplinary treatment utilizing lasers of different wavelengths. She is the owner of the Alta Vista Laser Dental Centre since 2006. Dr. Polonsky holds a Mastership with WCLI (World Clinical Laser and Imaging) Institute since 2012, Master of Science in Lasers in Dentistry degree from RWTH University in Aachen, Germany since 2016. She is a founder of the Canadian Dental Laser Institute (CDLI), an organization dedicated to providing quality continuing education in Laser Dentistry in Canada. CDLI is now the only ALD (Academy of Laser Dentistry) affiliated international study club in Canada. Dr. Polonsky serves on editorial boards for JLAD (Journal of Laser Assisted Dentistry) and LIDS (Lasers in Dental Science) by Springer. In 2017, she has agreed to take on a role of the Editor of Laser Dentistry edition of the Oral Health Journal.

Who should attend

This course is beneficial to anyone who wants to learn more about the emerging field of laser dentistry, benefits of incorporating lasers into dental practice with respect to the patient care and increasing the scope of offered procedures.

Course Summary

1. The science behind dental lasers: an overview of the electromagnetic spectrum, rational behind the various wavelengths and manufacturers in the marketplace.
2. Laser Safety: Health Canada regulations pertaining to the safe operation of lasers for the dentist, assistants, support staff and patients.
3. FDA approval for wavelengths and related procedures.
4. Understanding of laser terminology: difference between cold and hot lasers; hard tissue and soft tissue lasers.
5. Restorative applications; efficient use of chair time and cost benefits; reality behind pain-free and drill-free cavity preparations.
6. Cosmetic procedures: bleaching; hemangioma, lip scar removal, osseous crown lengthening .
7. Endodontic treatment: augmenting traditional techniques with the assistance of different laser wavelengths and combined wavelengths techniques.
8. Pediatrics: the benefits of lasers for children due to reduced anxiety and improved compliance.
9. Soft tissue procedures: fibroma removal, gingival recontouring and frenectomy indications .
10. Oral disease treatment: aphthous ulcers and herpes simplex treatment, lichen planus, biopsies.
11. Photobiomodulation: a review of literature and evidence based applications.
12. Periodontal disease treatment: differences between what procedures a dentist and a hygienist can carry out; root sensitivity treatment, sulcular decontamination and pocket therapy.

Learning Objectives:

1. Understanding of various laser wavelengths available.
2. Learn which laser is best suited for which clinical application.
3. Learn cost benefits of incorporating lasers into dental practice.
4. Appreciate benefits to the patients from laser-assisted procedures.
5. Make informed decisions when purchasing a laser system, and return on investment

DATE: June 8, 2018

LOCATION:
1207 Evans Blvd. Ottawa ON K1H 7T6

TIME: 8 :00 AM

LECTURE OR PARTICIPATION:
8:30 AM - 4:30 PM
7 CE Hours

COST:
DDS - \$ 799 +HST
RDH - \$499 +HST
RDA - \$299 +HST

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REFUND & CANCELLATION POLICIES:
30 DAYS



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