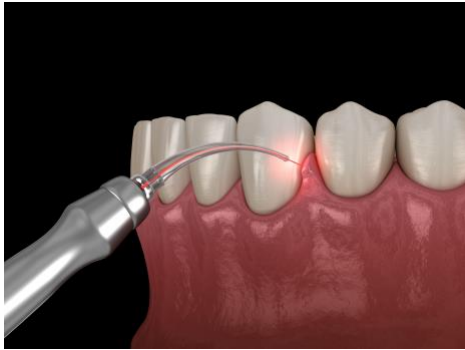


## "Fundamentals of Laser Techniques in Dental Hygiene Practice: Certification Course"



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### Course Overview:

This immersive certification course is designed to equip dental hygienists with the expertise and certification necessary to harness the full potential of laser dentistry, a dynamic field that has redefined patient care. Led by experienced instructors, participants will engage in both theoretical exploration and hands-on training, ensuring they can confidently and safely integrate laser technology into their clinical practice.

Throughout the program, participants will explore the foundational principles of laser application in clinical settings, gaining insight into diverse laser wavelengths and their relevance to various dental procedures. Interactive lectures and simulated clinical scenarios will enable hygienists to master non-surgical laser treatments for periodontal therapy, encompassing Laser Bacterial Reduction (LBR), Laser Decontamination (LD), PhotoDynamic Therapy (PDT), treatment of oral Lesions (herpetic lesions and aphthous ulcers), dentinal desensitization, and soft tissue management.

Furthermore, the curriculum will delve into advanced topics crucial for dental hygienists to gain awareness for patient education, including laser-assisted periodontal surgery. Through a blend of lectures and hands-on workshops, participants will acquire practical skills, empowering them to incorporate laser therapy into their daily practice, thus enhancing the efficacy and success of their dental team.

**Educational Objectives:** Upon successful completion of the course, participants will be able to:

- Confidently select appropriate lasers for their practice, informed by a comprehensive understanding of laser technology.
- Integrate laser therapy seamlessly into their clinical routines, optimizing patient outcomes and satisfaction.

- Utilize photodynamic therapy that takes advantage of photosensitizers in conjunction with laser effectively as an antimicrobial modality.
- Employ laser therapy for diverse range of conditions.