

Use of laser photobiomodulation in dentistry

Mohammed Saleem Ismail Alhabeel

Director of Development for Laser Dentistry, Saudi Arabia

1. Presentation outline:
 - Laser biophysics and tissue interaction
 - Overview of lasers used in dentistry
 - Mechanism of photobiomodulation
 - Calculation and parameters in photobiomodulation
 - Laser delivery systems in dentistry
 - Clinical application of laser photobiomodulation in dentistry
 - Conclusion
2. Audience take away:
 - Review of current uses of lasers in dentistry
 - How lasers interact with living tissue at cellular level
 - How lasers can be used effectively and safely in dentistry

Biography:

Dr. Saleem: BDS, MSc in Laser Dental Science, Diplomate American Board of Laser Surgery, Director of International Laser Dentistry Courses, Director of Development in American Board of Laser Dentistry, Director of Dental Department at Salamaty clinic in Saudi Arabia

Dr. Mohammed Saleem Alhabeel is a Diplomate of the ABLS in oral and maxillofacial laser surgery. He holds a MSc in laser dentistry from Genoa University, and holds postgraduate diplomas in oral surgery and dental implants. His background includes oral laser surgery in Saudi Arabia at the Salamaty Polyclinic in Arar City. Dr. Saleem sits on the editorial board in the International Journal of Dentistry and Oral Health. He has recently launched in partnership with the American Board of LaserSurgery the First International

Course in Laser Dentistry on Cyprus, Egypt, Dubai and Saudi Arabia.