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DENTAL MARKETING

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Periodontal surgeries assisted by Er, Cr:YSGG lasers

Known as a hard tissue laser- Er,Cr:YSGG laser can be used both for hard and soft tissue applications with a great benefit of non-thermal cut which leads to temperature controlled treatment outcomes on hard tissues and a scar-free healing on soft tissues. Due to the absorbance spectrum, one of the best target structure for Er,Cr:YSGG laser is water where its concentration in human cementum, bone and gingiva is high. Er,Cr:YSGG laser gives us the opportunity to perform many difficult conventional surgeries including treatment of peri-implantitis, gingivectomies, apicoectomies, closed flap crown lengthening, removal of epulis or similar lesions, frenectomies or gingival depigmentation in an easier and a better way. In this lecture, there will be almost all the possible treatments that can be done with an Er,Cr:YSGG laser with appropriate settings and techniques.

Biography

Gizem Berk is graduated from Istanbul Yeditepe University Faculty of Dentistry in 2003 with honours. She completed her MSc in Laser Dentistry in Germany, RWTH Aachen University in 2007. She has been working with lasers since 2003 and lectures internationally throughout Germany, USA, Belgium, Greece, Spain, Taiwan, England, Austria, Ukraine, Poland, UAE, Turkey and has published many clinical articles about lasers in dentistry. She works in her own private dental clinic (Denta Form) since 2003 and she is an Academic Co-Worker of AALZ (Aachen Laser Center) since 2011.

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