

Füllungen im Zahnhalsbereich – Mit dem Laser im Vorteil

Dr. Michael Hopp, Prof. Dr. Reiner Biffar

Jahrbuch Laserzahnmedizin 2013

1. Benazzato P, Stefani A: The effect of Er:YAG laser treatment on dentin collagen: an SEM investigation; *J Oral Laser Application* 3, 79 – 81 (2003)
2. Concalves M, Corona SAM, Pecora JD, Palma RG: Influence of the frequency of Er:YAG laser on the bond strength of dental enamel; *J Clin Laser Med Surg* 21, 105 – 108 (2003)
3. de Munk J, van Meerbeek B, Yudhira R, Lambrechts P, Vanherle G: Microtensile bond strength of two adhesives to Erbium:YAG-lased vs. bur-cut enamel and dentin; *Eur J Oral Sci* 110, 322 – 329 (2002)
4. Gutknecht N (Hrsg): Proceedings of the 1st International Workshop of evidence based dentistry on lasers in dentistry; Quintessence Publishing Co. Ltd. New Malden 2007
5. Keller U, Hibst R: Effects of Er:YAG lasers in caries treatment: a clinical pilot study; *Lasers Surg Med* 20, 32 – 38 (1997)
6. Keller U, Hibst R, Geurtsen W, Schilke R, Heidemann D, Klaiber B, Raab WHM: Erbium:YAG laser application in caries therapy. Evaluation of patient perception and acceptance; *J Dent* 26, 649 – 656 (1998)
7. Levin M, Roll-Avrahami R: Comparison between conventional scaling and laser removal of subgingival calculus: an in vitro pilot study; *J Oral Laser Application* 2, 31 – 35 (2002)
8. Moritz A, Schoop U, Straßl M, Winter E: Lasergestützte Kavitätenpräparation; In: Moritz A (Hrg): *Orale Lasertherapie*, Quintessenz-Verlag, Berlin 2006
9. Nair PR, Baltensperger MM, Luder HU, Eyrich GKH: Pulpal response to Er:YAG laser drilling of dentine in healthy human third molars; *Lasers Surg Med* 32, 203 – 209 (2003)
10. Paghdiwala AF: Root resection of endodontically treated teeth by Erbium:YAG laser radiation; *J Endodont* 19, 91 – 94 (1993)
11. Schoop U, Moritz A, Kluger W, Frei U, Maleschitz P, Goharkhay K, Schöffler C, Wernisch J, Speer W: Changes in root surface morphology and fibroblast adherence after Er:YAG laser irradiation; *J Oral Laser Application* 2, 83 – 93 (2002)
12. Sharon-Buller A, Block C, Savion I, Sela M: Reduced bacteria levels in cavities prepared by Er:YAG laser; *J Oral Laser Application* 3, 153 – 155 (2003)
13. Tanabe K, Yoshida K, Yoshida N, Iwaku M, Ozawa H: Immunohistochemical study on pulpal response in rat Molars after cavity preparation by Er:YAG laser; *Eur J Oral Sci* 110, 237 – 245 (2002)