

Evidenzbasierte Laseranwendungen in der Parodontaltherapie

Prof. Dr. Heinz Renggli/

Jahrbuch Laserzahnmedizin 2013

- Adriaens PA, De Boever JA, Loesche WJ. Bacterial invasion in root cementum and radicular dentin of periodontally diseased teeth in humans. *J Periodontol* 1988; 59: 222-230
 - Atieh MA. Photodynamic therapy as an adjunctive treatment for chronic periodontitis: a metaanalysis. *Laser Med Sci* 2010; 25: 605-613
 - Badersten A, Nilvéus R, Egelberg J. Effect of non-surgical periodontal therapy II. Severely advanced periodontitis. *J Clin Periodontol* 1984; 11: 63-76
 - Braun A, Dehn C, Krause F, Jepsen S. Antimikrobielle Photodynamische Therapie (aPDT) bei der parodontalen Behandlung. *Quintessenz Team J* 2007; 37: 63-68
 - Braun A, Dehn C, Krause F et al. Short term clinical effects of adjunctive antimicrobial photodynamic therapy (aPDT) in periodontal treatment – a randomized clinical trial. *J Clin Periodontol* 2008; 35: 877-844
 - Braun A. Antimikrobielle Photodynamische Therapie im Rahmen der Endodontie und Parodontitistherapie. 2010; *Zahnmedizin up2date* 6:597-609
 - Christodoulides N, Nikolidakis D, Chondros P et al. Photodynamic Therapy as an Adjunct to Non-Surgical Periodontal Treatment: A Randomized, Controlled Clinical Trial. *J Periodontol* 2008; 79: 1638-1644
 - De Boever JA & De Boever AL. Tandtrauma en hypermobilitéit. In: Beertsen et al. *Parodontologie*. Bohn, Stafleu, van Loghum, Houten 2009
 - Claffey N, Polyzois I. Non-surgical Therapy. In: Lindhe J, Lang NP, Karring T. *Clinical Periodontology and Implant Dentistry*, Blackwell Munksgaard, Oxford 2008, Seiten 766-782
 - Cobb CM. Lasers in Periodontics: A review of the Literature. *J Periodontol* 2006; 77: 545-564
 - Krause F & Braun A. Die antimikrobielle photodynamische Therapie. *Wissen kompakt* 2009; 3: 43-51
 - Karlsson MR, Diogo Löfgren CI, Jansson HM. The effect of laser therapy as an adjunct to non-surgical periodontal treatment in subjects with chronic periodontitis: a systematic review. *J Periodontol* 2008; 79: 2021-2028
 - Kinane DF, Berglundh T, Lindhe J. Pathogenesis of Periodontitis. In: Lindhe J, Lang NP, Karring T. *Clinical Periodontology and Implant Dentistry*, Blackwell Munksgaard, Oxford 2008, Seiten 285-306
 - Kornman KS, Page RC, Tonetti MS. In: Page RC, Kornman KS. *The Pathogenesis of Periodontitis. Periodontology 2000 The host response to the microbial challenge in periodontitis: assembling the players*. 1997; 14: 33-53
 - Lindhe J, Karring T, Araújo M. The Anatomy of Periodontal Tissues. In: Lindhe J, Lang NP, Karring T. *Clinical Periodontology and Implant Dentistry*, Blackwell Munksgaard, Oxford 2008, Seiten 3-49
 - Löe H, Theilade E, Jensen SB. Experimental gingivitis in man. *J Periodontol* 1965; 36: 177-187
- 14
- Lulic M, Leiggener Görög I, Salvi GE et al. One-year outcomes of repeated adjunctive photodynamic therapy during periodontal maintenance: a proof-of-principle randomized controlled clinical trial. *J Clin Periodontol* 2009; 36: 661-666
 - Novaes Jr. AB, Oliveira RR, Humberto O et al. Antimicrobial photodynamic therapy in the non-surgical treatment of aggressive periodontitis: clinical, biochemical and microbiological results. *Postersession Europeo 6, Malmö* 2009

- Rotundo R, Nieri M, Cairo F et al. Kein zusätzlicher Nutzen von Er:YAG Laser in der nichtchirurgischen Parodontitistherapie: Eine randomisierte klinische Studie im „Split-Mouth“-Design. J Clin Periodont, Highlights 2010, Überblick über praxisrelevante Forschungsergebnisse, Seiten 22-29
- Schwarz F, Sculean A, Georg T, Reich e. Periodontal treatment with an Er:YAG laser compared to scaling and rootplaning. A controlled study. J Periodontol 2001; 72: 361-367
- Schwarz F, Sculian A, Berakdar M et al. Clinical evaluation of an Er:YAG laser combined with scaling and rootplaning for non-surgical periodontal treatment. A controlled, prospective clinical study. J Clin Periodontol 2003 a; 30: 26-34
- Schwarz F, Sculean A, Berakdar M et al. Periodontal treatment with an Er:YAG laser or scaling and rootplaning. A 2-year follow-up split-mouth study. J Periodont 2003 b; 74: 590-596
- Sculean A, Schwarz F, Berakdar M et al. Periodontal treatment with an Er:YAG laser compared to ultrasonic instrumentation: a pilotstudy. J Periodont 2004; 75: 966-973
- Socransky SS, Haffajee AD. Periodontal Infections. In: Lindhe J, Lang NP, Karring T. Clinical Periodontology and Implant Dentistry, Blackwell Munksgaard, Oxford 2008, Seiten 207-267
- Tomasi C, Schander K, Dahlen G, Wennström JL. Short-term clinical and microbiologic effects of pocket debridement with an Er:YAG laser during periodontal maintenance. J Periodontol 2006; 77: 111-118
- Van der Weijden F, Echeverria JJ, Sanz M, Lindhe J. Mechanical Supragingival Plaque Control. In: Lindhe J, Lang NP, Karring T. Clinical Periodontology and Implant Dentistry, Blackwell Munksgaard, Oxford 2008, Seiten 705-733
- Wennström JL, Zucchelli G, PiniPrato GP. Mucogingival Therapy – Periodontal Plastic Surgery. In: Lindhe J, Lang NP, Karring T. Clinical Periodontology and Implant Dentistry, Blackwell Munksgaard, Oxford 2008, Seiten 955-1028
- Wennström JL, Heijl L, Lindhe J. Periodontal Surgery: Access Therapy. In: Lindhe J, Lang NP, Karring T. Clinical Periodontology and Implant Dentistry, Blackwell Munksgaard, Oxford 2008, Seiten 783-822