

Thema: Wer stellt die Indikation für welche Art der Periimplantitistherapie?

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Literatur

1. Bonneau R, Pottier R, Bagno O et al. pH dependence of singlet oxygen production in aqueous solutions using thiazine dyes as photosensitizers. Photochem Photobiol 1975; 21: 159-163.
2. Cannizzaro G, Leone M, Esposito M. Immediate functional loading of implants placed with flapless surgery in the edentulous maxilla: 1-year follow-up of a single cohort study. Int J Oral Maxillofac Implants 2007; 22: 87-95.
3. Dobson J, Wilson M. Sensitization of oral bacteria in biofilms to killing by light from a low-power laser. Arch Oral Biol 1992; 37: 883-887.
4. Dörnbudak O, Haas R, Bernhart T et al. Lethal photosensitization for decontamination of implant surfaces in the treatment of peri-implantitis. Clin Oral Implants Res 2001; 12: 104-108.
5. Haas R, Baron M, Dörnbudak O et al. Lethal photosensitization, autogenous bone, and e-PTFE membrane for the treatment of peri-implantitis: preliminary results. Int J Oral Maxillofac Implants 2000; 15: 374-382.
6. Haas R, Dörnbudak O, Mensdorff-Pouilly N et al. Elimination of bacteria on different implant surfaces through photosensitization and soft laser. An in vitro study. Clin Oral Implants Res 1997; 8: 249-254.
7. Karapetian VE, Neugebauer J, Zöller JE. Comparison of different periimplantitis treatment methods. Posterpresentation 19th Annual Meeting Academy of Osseointegration March 18-20 2004.
8. Neugebauer J. Using photodynamic therapy to treat peri-implantitis. Interview. Dent Implantol Update 2005; 16: 9-16.
9. Rothamel D, Torök R, Neugebauer J et al. Neues aus der Welt der Kollagenmembranen: Fisch-Technik und Angioselektivität. Z Oral Implant 2011; 7: 2-11.
10. Rousseau P. Flapless and traditional dental implant surgery: an open, retrospective comparative study. Journal of oral and maxillofacial surgery : official journal of the American Association of Oral and Maxillofacial Surgeons 2010; 68: 2299-2306.
11. Salvi GE, Mombelli A, Mayfield L et al. Local antimicrobial therapy after initial periodontal treatment. J Clin Periodontol 2002; 29: 540-550.
12. Scherer P, Neugebauer J, Karapetian VE et al. Initial therapy of peri-implantitis by anti-microbial photodynamic therapy. In 20th congress Association of Dental Implantology, Edition Birmingham , UK: May 3-5, 2007.
13. Schou S, Holmstrup P, Worthington HV et al. Outcome of implant therapy in patients with previous tooth loss due to periodontitis. Clin Oral Implants Res 2006; 17 Suppl 2: 104-123.
14. Schwarz F, Sculean A, Bieling K et al. Two-year clinical results following treatment of peri-implantitis lesions using a nanocrystalline hydroxyapatite or a natural bone mineral in combination with a collagen membrane. Journal of Clinical Periodontology 2008; 35: 80-87.

15. Shibli JA, Martins MC, Nociti FH, Jr. et al. Treatment of ligature-induced peri-implantitis by lethal photosensitization and guided bone regeneration: a preliminary histologic study in dogs. *J Periodontol* 2003; 74: 338-345.
16. Small BW. Cemented or screw-retained implant restorations: how do you decide? *General dentistry* 2011; 59: 14-18.
17. Usacheva MN, Teichert MC, Biel MA. Comparison of the methylene blue and toluidine blue photobactericidal efficacy against gram-positive and gram-negative microorganisms. *Lasers Surg Med* 2001; 29: 165-173.
18. Wainwright M, Phoenix DA, Marland J et al. A study of photobactericidal activity in the phenothiazinium series. *FEMS Immunol Med Microbiol* 1997; 19: 75-80.
19. Wilson M, Dobson J. Lethal photosensitization of oral anaerobic bacteria. *Clin Infect Dis* 1993; 16 Suppl 4: S414-415.
20. Wohlfahrt JC, Aass AM, Ronold HJ et al. Micro CT and human histological analysis of a peri-implant osseous defect grafted with porous titanium granules: a case report. *The International journal of oral & maxillofacial implants* 2011; 26: e9-e14.