

Ausgabe: Dental Tribune Austrian Edition 3/2021

Thema: Behandlung von parodontalen und periimplären Infektionen –
Anwendung eines antimikrobiellen Präparats

Autor: Von Prof. Vincenzo Iorio-Siciliano

LITERATUR

1. Atieh MA, Alsabeeha NH, Faggion Jr CM, Duncan WJ. The frequency of peri-implant diseases: a systematic review and meta-analysis. *J Periodontol.* 2013;84(11):1586–1598.
2. Abrahamsson I, Berglundh I, Moon IS, Lindhe J. Peri-implant tissues at submerged and non-submerged titanium implants. *J Clin Periodontol* 1999;26:600-607.
3. Baelum V, Ellegaard B: Implant survival in periodontally compromised patients. *J Periodontol* 2004;75:1404-1412.
4. Kowolik J: Prophylaxe, Diagnostik und Therapiemodule periimplantärer Erkrankungen. *ZM* 98, 2008;12:1728-1732.
5. Pecanov-Schröder A: Periimplantäre Herausforderungen. *Dental Magazin* 2008;3:58-63.
6. Roos-Jansaker AM, Lindahl C, Renvert S: Nine- to fourteen year follow-up of implant treatment. Part II: Presence of peri-implant lesions. *J Clin Periodont* 2006;33:290-295.
7. Schwarz F, Becker J: Periimplantäre Entzündungen. Quintessenz Verlag Berlin (2007).
8. Zitzmann NU: Periimplantitis – die neue Erkrankung wird übersehen oder unterschätzt? *ZMK* 2009;25(9):576-582.
9. Mombelli A, Müller N, Cionca N. The epidemiology of peri-implantitis. *Clin Oral Implants Res.* 2012;23(6):67–76.
10. Swierkot K, Lottholz P, Flores-de-Jacoby L, Mengel R. Mucositis, periimplantitis, implant success, and survival of implants in patients with treated generalized aggressive periodontitis: 3- to 16-year results of a prospective long-term cohort study. *J Periodontol.* 2012;83:1213–25.
11. Berglundh T, Abrahamsson I et al.: The barrier between the keratinized mucosa and the dental implant. *J Clin Periodontol* 1999;26:658-663.
12. Isidor T: Histological evaluation of peri-implantbone at implants subjected to occlusal overload or plaque accumulation. *Clin Oral Impl Res* 1997;8:1-9.

13. Leonhardt A, Renvert S, Dahlen C: Microbial findings at failing implants. *Clin Oral Implant Res* 1999;10:339-345.
14. Mombelli A, Buser D, Lang NP: Colonization on titanium implants. *Clin Oral Impl Res* 1993;4:113-120.
15. Gallucci, G., et al., Dimensional changes of peri-implant soft tissue over 2 years with single-implant crowns in the anterior maxilla. *J Clin Periodontol*, 2011;38(3): 293-299.
16. Page RC, Kornman KS. The pathogenesis of human periodontitis: an introduction. *Periodontology* 2000 1997;14:9–11.
17. Jung RE, Pjetursson BE, Glauser R, Zembic A, Zwahlen M, Lang NP. A systematic review of the 5-year survival and complication rates of implant-supported single crowns. *Clin Oral Implants Res*. 2008;19(2):119-30.
18. Heitz-Mayfield, L.J. and N.P. Lang, Comparative biology of chronic and aggressive periodontitis vs. peri-implantitis. *Periodontol* 2000 2010;53: 167-181.
19. Karoussis, I.K., et al., Long-term implant prognosis in patients with and without a history of chronic periodontitis: a 10-year prospective cohort study of the ITI Dental Implant System. *Clin Oral Implants Res*, 2003;14(3):329-339.
20. Davis, D.M., M.E. Packer, and R.M. Watson. Maintenance requirements of implant-supported fixed prostheses opposed by implant-supported fixed prostheses, natural teeth, or complete dentures: a 5-year retrospective study. *Int J Prosthodont*. 2003;16(5):521-523.
21. Sclar, A.G., et al., Treatment planning and surgical considerations in implant therapy for patients with agenesis, oligodontia, and ectodermal dysplasia: review and case presentation. *J Oral Maxillofac Surg*, 2009;67(11 Suppl):2-12.
22. Bach G: *Laserzahnheilkunde, Kapitel 6: Periimplantitis*. Spitta Verlag (Balingen) 2007.
23. Paolantonio M, Perinetti G, d'Ercole S, Graziani F, Catamo G, Sammertino G, Piccolomini R: Internal decontamination of dental implants. *J Periodont* 2008;79:1419-1425.
24. Smeets R, Henningsen A, Jung O, Heiland M, Hammächer C, Stein JM. *Head & Face Medicine* 2014;10:34.
25. Heitz-Mayfield LJA, Mombelli A. The Therapy of Peri-implantitis: A Systematic Review. *Int J Oral Maxillofac Implants* 2014;29(Suppl):325–345.
26. Gosau M, Hahnel S, Schwarz F, Gerlach T, Reichert TE, Bürgers R. Effect of six different peri-implantitis disinfection methods on in vivo human oral biofilm. *Clin. Oral Impl. Res*. 2010;21:866–872.

27. Bürgers R, Witecy C, Hahnel S, Gosau M. The effect of various topical peri-implantitis antiseptics on *Staphylococcus epidermidis*, *Candida albicans*, and *Streptococcus sanguinis*. *Archives of oral biology* 2012;57:940–947.
28. Slots J.: Selection of antimicrobial agents in periodontal therapy. *J Periodont Res* 2002;37:389–398.
29. Klebanoff SJ. Myeloperoxidase–halide–hydrogen peroxide antibacterial system. *J Bacteriol* 1968;95:2131–2138.
30. McRipley RJ, Sbarra AJ. Role of the phagocyte in host–parasite interactions. XII. Hydrogen peroxide–myeloperoxidase bactericidal system in the phagocyte. *J Bacteriol* 1967;94:1425–1430.
31. Weiss SJ. Tissue destruction by neutrophils. *N Engl J Med* 1989;320:365–76.
32. Gottardi W, Debabov D, Nagl M. N-Chloramines, a Promising Class of Well-Tolerated Topical Anti-Infectives. *Antimicrobial Agents and Chemotherapy* 2013;57(3):1107–1114.
33. Almhöjd US, Jansson H, Roos-Jansaker A-M, Campus G, Lingström G. The Antimicrobial Effect of Sodium Hypochlorite Agents for Intraoral Use. *J Dent Res* 2015;94A:P2921.
34. Jurczyk K, Nietzsche S, Ender C, Sculean A, Eick S. In-vitro activity of sodium-hypochlorite gel on bacteria associated with periodontitis. 2015: doi:10. 1007/s00784-016-1711-9.
35. Guarnelli ME, Vecchiatini R, Farina R. Professional local administration of a chloramine-based treatment in conjunction with ultrasonic mechanical instrumentation: clinical outcomes in patients with deep periodontal pockets persisting following active nonsurgical therapy. A 3-case report, *MINERVA STOMATOLOGICA* 2015:158-159.