Literatur

# Periimplantitis – wo stehen wir?

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1. Bassetti, M., et al., Anti-infective therapy of peri-implantitis with adjunctive local drug delivery or photodynamic therapy: 12-month outcomes of a randomized controlled clinical trial. Clin Oral Implants Res, 2014. 25(3): p. 279-287.
2. Bergenblock, S., et al., Long-term follow-up of CeraOne single-implant restorations: an 18-year follow-up study based on a prospective patient cohort. Clin Implant Dent Relat Res, 2012. 14(4): p. 471-9.
3. Berglundh, T., et al., Spontaneous progression of ligature induced peri-implantitis at implants with different surface roughness: an experimental study in dogs. Clin Oral Implants Res, 2007. 18(5): p. 655-61.
4. Bermejo, P., et al., Biofilm formation on dental implants with different surface micro-topography: An in vitro study. Clin Oral Implants Res, 2019.
5. Canullo, L., et al., Distinguishing predictive profiles for patient-based risk assessment and diagnostics of plaque induced, surgically and prosthetically triggered peri-implantitis. Clin Oral Implants Res, 2016. 27(10): p. 1243-1250.
6. Cecchinato, D., A. Parpaiola, and J. Lindhe, Mucosal inflammation and incidence of crestal bone loss among implant patients: a 10-year study. Clin Oral Implants Res, 2014. 25(7): p. 791-6.
7. Cochran, D.L., et al., A prospective multicenter 5-year radiographic evaluation of crestal bone levels over time in 596 dental implants placed in 192 patients. J Periodontol, 2009. 80(5): p. 725-33.
8. Coli, P., et al., Reliability of periodontal diagnostic tools for monitoring peri-implant health and disease. Periodontol 2000, 2017. 73(1): p. 203-217.
9. Deppe, H., et al., Nonsurgical antimicrobial photodynamic therapy in moderate vs severe peri-implant defects: a clinical pilot study. Quintessence Int, 2013. 44(8): p. 609-18.
10. Derks, J., et al., Effectiveness of Implant Therapy Analyzed in a Swedish Population: Prevalence of Peri-implantitis. J Dent Res, 2016. 95(1): p. 43-9.
11. Ferreira, S.D., et al., Prevalence and risk variables for peri-implant disease in Brazilian subjects. J Clin Periodontol, 2006. 33(12): p. 929-35.
12. Gholami, H., et al., Radiographic bone level changes of implant-supported restorations in edentulous and partially dentate patients: 5-year results. Int J Oral Maxillofac Implants, 2014. 29(4): p. 898-904.
13. Hallstrom, H., et al., Systemic antibiotics and debridement of peri-implant mucositis. A randomized clinical trial. J Clin Periodontol, 2012. 39(6): p. 574-81.
14. Heitz-Mayfield, L.J.A. and G.E. Salvi, Peri-implant mucositis. J Periodontol, 2018. 89 Suppl 1: p. S257-S266.
15. Heitz-Mayfield, L.J.A. and G.E. Salvi, Peri-implant mucositis. J Clin Periodontol, 2018. 45 Suppl 20: p. S237-S245.
16. Jepsen, S., et al., Primary prevention of peri-implantitis: managing peri-implant mucositis. J Clin Periodontol, 2015. 42 Suppl 16: p. S152-7.
17. 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): p. 329-39.

18. Katafuchi, M., et al., Restoration contour is a risk indicator for peri-implantitis: A cross-sectional radiographic analysis. J Clin Periodontol, 2018. 45(2): p. 225-232.
19. Klinge, B., et al., Dental Implant Quality Register-A possible tool to further improve implant treatment and outcome. Clin Oral Implants Res, 2018. 29 Suppl 18: p. 145-151.
20. Korsch, M., U. Obst, and W. Walther, Cement-associated peri-implantitis: a retrospective clinical observational study of fixed implant-supported restorations using a methacrylate cement. Clin Oral Implants Res, 2014. 25(7): p. 797-802.
21. Lekholm, U., et al., Marginal tissue reactions at osseointegrated titanium fixtures. (II) A cross-sectional retrospective study. Int J Oral Maxillofac Surg, 1986. 15(1): p. 53-61.
22. Lin, G.H. and I.M. Madi, Soft-Tissue Conditions Around Dental Implants: A Literature Review. Implant Dent, 2019. 28(2): p. 138-143.
23. Lin, G.H., F. Suarez Lopez Del Amo, and H.L. Wang, Laser therapy for treatment of peri-implant mucositis and peri-implantitis: An American Academy of Periodontology best evidence review. J Periodontol, 2018. 89(7): p. 766-782.
24. Lindhe, J. and N. Lang, Clinical periodontology and implant dentistry. 6th Edition ed. Clinical Periodontology and Implant Dentistry. Vol. Volume 1. 2015: Wiley Blackwell.
25. Mombelli, A. and F. Decaillet, The characteristics of biofilms in peri-implant disease. J Clin Periodontol, 2011. 38 Suppl 11: p. 203-13.
26. Mombelli, A., N. Muller, and N. Cionca, The epidemiology of peri-implantitis. Clin Oral Implants Res, 2012. 23 Suppl 6: p. 67-76.
27. Renvert, S., et al., Peri-implant health, peri-implant mucositis, and peri-implantitis: Case definitions and diagnostic considerations. J Clin Periodontol, 2018. 45 Suppl 20: p. S278-S285.
28. Renvert, S. and I. Polyzois, Risk indicators for peri-implant mucositis: a systematic literature review. J Clin Periodontol, 2015. 42 Suppl 16: p. S172-86.
29. Renvert, S., I. Polyzois, and N. Claffey, How do implant surface characteristics influence peri-implant disease? J Clin Periodontol, 2011. 38 Suppl 11: p. 214-22.
30. Riben-Grundstrom, C., et al., Treatment of peri-implant mucositis using a glycine powder air-polishing or ultrasonic device: a randomized clinical trial. J Clin Periodontol, 2015. 42(5): p. 462-9.
31. Rinke, S., et al., Prevalence of periimplant disease in partially edentulous patients: a practice-based cross-sectional study. Clin Oral Implants Res, 2011. 22(8): p. 826-33.
32. Roos-Jansaker, A.M., et al., Nine- to fourteen-year follow-up of implant treatment. Part I: implant loss and associations to various factors. J Clin Periodontol, 2006. 33(4): p. 283-9.
33. Salvi, G.E., A. Monje, and C. Tomasi, Long-term biological complications of dental implants placed either in pristine or in augmented sites: A systematic review and meta-analysis. Clin Oral Implants Res, 2018. 29 Suppl 16: p. 294-310.
34. Saulacic, N. and B. Schaller, Prevalence of Peri-Implantitis in Implants with Turned and Rough Surfaces: a Systematic Review. J Oral Maxillofac Res, 2019. 10(1): p. e1.

35. Schmidlin, P.R., et al., Polyspecies biofilm formation on implant surfaces with different surface characteristics. J Appl Oral Sci, 2013. 21(1): p. 48-55.
36. Schwarz, F., et al., Nonsurgical treatment of moderate and advanced periimplantitis lesions: a controlled clinical study. Clin Oral Investig, 2006. 10(4): p. 279-88.
37. Schwarz, F., et al., Peri-implantitis. J Clin Periodontol, 2018. 45 Suppl 20: p. S246-S266.
38. Schwarz, F., A. Schmucker, and J. Becker, Efficacy of alternative or adjunctive measures to conventional treatment of peri-implant mucositis and peri-implantitis: a systematic review and meta-analysis. Int J Implant Dent, 2015. 1(1): p. 22.
39. Serino, G. and C. Strom, Peri-implantitis in partially edentulous patients: association with inadequate plaque control. Clin Oral Implants Res, 2009. 20(2): p. 169-74.
40. Serino, G., A. Turri, and N.P. Lang, Probing at implants with peri-implantitis and its relation to clinical peri-implant bone loss. Clin Oral Implants Res, 2013. 24(1): p. 91-5.
41. Su, H., et al., Considerations of implant abutment and crown contour: critical contour and subcritical contour. Int J Periodontics Restorative Dent, 2010. 30(4): p. 335-43.
42. Tenenbaum, H., et al., Long-term prospective cohort study on dental implants: clinical and microbiological parameters. Clin Oral Implants Res, 2017. 28(1): p. 86-94.