

## Interdisziplinäre Therapie einer multimorbid Patientin mit Parodontitis

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1. Abdulhak AAB, Khan AR, Garbati MA, Qazi AH, Erwin P, Kisra S, Aly A, Farid T, Chami ME, Wimmer AP: Azithromycin and Risk of Cardiovascular Death: A Meta-Analytic Review of Observational Studies. *Am J Ther.* 2015; 22(5):e122-9.
2. Ainamo J, Bay I. Problems and proposals for recording gingivitis and plaque. *Int dent journal.* 1975;25(4), 229.
3. Alfadda SA. Current Evidence on Dental Implants Outcomes in Smokers and Nonsmokers: A Systematic Review and Meta-Analysis. *J Oral Implantol.* 2018;44(5):390-399.
4. Axelsson P, Nyström B, Lindhe, J. The long-term effect of a plaque control program on tooth mortality, caries and periodontal disease in adults: results after 30 years of maintenance. *J Clin Periodontol.* 2004;31(9), 749-757.
5. Badersten A, Nilveus R, Egelberg, J. Effect of nonsurgical periodontal therapy: II. Severely advanced periodontitis. *Journal of clinical periodontology.* 1984; 11(1), 63-76.
6. Braun E, Iacono VJ. Bisphosphonates: case report of nonsurgical periodontal therapy and osteonecrosis. *Int J Periodontics Restorative Dent.* 2006;26:315-319.
7. Buset SL, Zitzmann NU, Weiger R, Walter C. Non-surgical periodontal therapy supplemented with systemically administered azithromycin: a systematic review of RCTs. *Clin Oral Investig.* 2015; 19(8):1763-75
8. Caton J G, Armitage G, Berglundh T, Chapple IL, Jepsen S, Kornman KS, Tonetti, M. S. (2018). A new classification scheme for periodontal and peri-implant diseases and conditions—Introduction and key changes from the 1999 classification. *J Periodontol.* 2018;89:1-8.
9. Chrcanovic BR, Albrektsson T, Wennerberg A. Smoking and dental implants: A systematic review and meta-analysis. *J Dent.* 2015;43(5):487-98.

10. Chambrone L, Preshaw PM, Ferreira JD, Rodrigues JA, Cassoni A, Shibli JA. Effects of tobacco smoking on the survival rate of dental implants placed in areas of maxillary sinus floor augmentation: a systematic review. *Clin Oral Implants Res.* 2014 Apr;25(4):408-16
11. Diel IJ, Bergner R, Grötz KA. Adverse effects of bisphosphonates: current issues. *J Support Oncol.* 2007;5:475-482.
12. Dietrich T, Hoffmann K. A comprehensive index for the modeling of smoking history in periodontal research. *J Dent Res.* 2004;83(11):859-863.
13. Dietrich T, Walter C: Soll der Zahnarzt zur Vitamin D Supplementierung raten? *Zahnarzt und Praxis.* 2011: 14-16.
14. Erley KJ, Swiec GD, Herold R, Bisch FC, Peacock ME. Gingival recession treatment with connective tissue grafts in smokers and non-smokers. *J Periodontol.* 2006;77, 1148-1155.
15. Griffiths, G. S., Ayob, R., Guerrero, A., Nibali, L., Suvan, J., Moles, D. R., & Tonetti, M. S. Amoxicillin and metronidazole as an adjunctive treatment in generalized aggressive periodontitis at initial therapy or re-treatment: a randomized controlled clinical trial. *J Clin Periodontol.* 2011; 38(1), 43-49.
16. Guerrero A, Griffiths GS, Nibali L, Suvan J, Moles DR, Laurell L, Tonetti MS. Adjunctive benefits of systemic amoxicillin and metronidazole in non-surgical treatment of generalized aggressive periodontitis: a randomized placebo-controlled clinical trial. *J Clin Periodontol.* 2005;32(10):1096-1107.
17. Hamp SE, Nyman S, Lindhe J. Periodontal treatment of multi rooted teeth. Results after 5 years. *J Clin Periodontol.* 1975; 2(3):126-135.
18. Haffajee AD, Socransky SS (2001) Relationship of cigarette smoking to attachment level profiles. *J Clin Periodontol.* 2001;28: 283-295.
19. Jentsch HF, Buchmann A, Friedrich A, Eick S. Nonsurgical therapy of chronic periodontitis with adjunctive systemic azithromycin or amoxicillin/metronidazole. *Clin Oral Investig.* 2016;20:1765-1773.
20. Kamel HK. Update on osteoporosis management in long-term care: focus on bisphosphonates. *J Am Med Dir Assoc.* 2007;8:434-440.
21. Khan AA, Morrison A, Hanley DA, Felsenberg D, McCauley LK, O'Ryan F, et al. Diagnosis and management of osteonecrosis of the jaw: a systematic review and international consensus. *J Bone Miner Res.* 2015;30:3-23.

22. Kumar V, Sinha RK. Bisphosphonate Related Osteonecrosis of the Jaw: An Update. *J Maxillofac Oral Surg.* 2014;13:386-393.
23. Kwok V, Caton JG. Commentary: prognosis revisited: a system for assigning periodontal prognosis. *J Periodontol.* 2007; Nov;78(11):2063-71.
24. Lang NP, Joss A, Orsanic T, Gusberti F A, Siegrist BE. Bleeding on probing. A predictor for the progression of periodontal disease? *J Clin Periodontol.* 1986; 13(6), 590-596.
25. Lang NP, Adler R, Joss A, Nyman, S. Absence of bleeding on probing an indicator of periodontal stability. *J Clin Periodontol.* 1990 ;17(10), 714-721.
26. McGuire MK. Prognosis versus actual outcome: a long-term survey of 100 treated periodontal patients under maintenance care. *J Periodontol.* 1991;62(1):51-8.
27. Meisel P, Siegemund A, Dombrowa S, Sawaf H, Fanghaenel J, Kocher T. Smoking and polymorphisms of the interleukin-1 gene cluster (IL-1alpha, IL-1beta, and IL-1RN) in patients with periodontal disease. *J Periodontol.* 2002; 73, 27-32.
28. Moraschini V, Barboza Ed. Success of dental implants in smokers and non-smokers: a systematic review and meta-analysis. *Int J Oral Maxillofac Surg.* 2016;45(2):205-15.
29. Muñoz Aguilera E, Suvan J, Buti J, Czesnikiewicz-Guzik M, Barbosa Ribeiro A, Orlandi M, Guzik TJ, Hingorani AD, Nart J, D'Aiuto F. Periodontitis is associated with hypertension: a systematic review and meta-analysis. *Cardiovasc Res.* 2020;116(1):28-39.
30. Mustapha AD, Salame Z, Chrcanovic BR. Smoking and Dental Implants: A Systematic Review and Meta-Analysis. *Medicina (Kaunas).* 2021; 27;58(1):39.
31. Naseri R, Yaghini J, Feizi A. Levels of smoking and dental implants failure: A systematic review and meta-analysis. *J Clin Periodontol.* 2020; 47(4):518528.
32. O'Leary TJ, Drake RB, Naylor JE. The plaque control record. *J Periodontol.* 1972;43(1), 38-38.
33. Palmer RM, Wilson RF, Hasan AS, Scott DA (2005) Mechanisms of action of environmental factors--tobacco smoking. *J Clin Periodontol.* 2005;32 Suppl 6, 180-195.
34. Papapanou PN, Sanz M, Buduneli N, Dietrich T, Feres M, Fine DH, Greenwell H. Periodontitis: Consensus report of workgroup 2 of the 2017 World Workshop on

- the Classification of Periodontal and Peri-Implant Diseases and Conditions. *J Periodontol.* 2018;89, S173-S182.
35. Piesold JU, Al-Nawas B, Grötz KA. Osteonecrosis of the jaws by long term therapy with bisphosphonates. *Mund Kiefer Gesichtschir.* 2006;10:287-300.
  36. Ramseier CA, Bornstein MM, Sixer UP, Klingler K, Walter C. Tabakprävention und – entwöhnung in der zahnmedizinischen Praxis. *Schweiz Monatsschr Zahnmed.* 2007; 117, 253-278.
  37. Rooney J, Wade, WG, Sprague SV, Newcombe RG, Addy M. (2002). Adjunctive effects to non-surgical periodontal therapy of systemic metronidazole and amoxycillin alone and combined: A placebo controlled study. *J Clin Periodontol.* 2002;29(4), 342-350.
  38. Ruggiero SL, Dodson TB, Fantasia J, Goolday R, Aghaloo T, Mehrotra B. American Association of Oral and Maxillofacial Surgeons position paper on medication-related osteonecrosis of the jaw--2014 update. *J Oral Maxillofac Surg* 2014;72:1938-1956.
  39. Sanz M, Herrera D, Kebschull M, Chapple I, Jepsen S, Berglundh T, Wennström, J. Treatment of stage I–III periodontitis—The EFP S3 level clinical practice guideline. *J Clin Periodontol.* 2020;47, 4-60.
  40. Sixer UP, Walter C, Bornstein MM, Klingler K, Ramseier CA. Einfluss des Tabakkonsums auf das Parodont – ein Update (II) Teil 2: Klinische und radiologische Veränderungen des Parodons sowie Folgen auf die Parodontaltherapie und orale Implantologie. *Schweiz Monatsschr Zahnmed.* 2007;117, 153-169.
  41. Tonetti MS. Cigarette smoking and periodontal diseases: etiology and management of disease. *Ann Periodontol.* 1998;3, 88-101.
  42. Wissenschaftliche Stellungnahme der DGZMK: Zahnärztliche Chirurgie bei Patienten mit Antikoagulantientherapie
  43. Van Winkelhoff AJ, Rodenburg JP, Goene RJ, Abbas F, Winkel EG, De Graaff J. Metronidazole plus amoxycillin in the treatment of Actinobacillus associated periodontitis. *J Clin Periodontol.* 1989 16(2), 128-131.
  44. Walter C, Sixer UP, Bornstein MM, Klingler K, Ramseier CA. Einfluss des Tabakkonsums auf das Parodont – ein Update (I) Teil 1: Epidemiologische und pathogenetische Aspekte tabakbedingter Schädigungen am Parodont. *Schweiz Monatsschr Zahnmed.* 2007;117, 45-60.

45. Walter C, Lienert N, Kleinmann F. Therapie einer aggressiven Parodontitis – unter besonderer Berücksichtigung einer gerinnungshemmenden Medikation. Zahnärztl Mitt. 2008;40-45.
46. Walter C, Weiger R. PEKBOOK Teil 3: Parodontologie. Ein klinischer Leitfaden für die Zahnerhaltung. Eigenverlag der Klinik für Parodontologie, Endodontologie und Kariologie UZB-Universitätszahnkliniken, Basel. 2016.
47. Walter C, Weiger R. PEKBOOK Teil 3 - Ergänzung: Parodontologie. Ein klinischer Leitfaden für die Zahnerhaltung. Eigenverlag der Klinik für Parodontologie, Endodontologie und Kariologie UZB-Universitätszahnkliniken, Basel. 2020.
48. Walter C, Ramseier CA. Tabakkonsum und dentale Implantate – eine Bestandaufnahme. Bayerisches Zahnärzteblatt. 2023; Submitted
49. Wang J, Lv J, Wang W, Jiang X. Alcohol consumption and risk of periodontitis: a meta-analysis. J Clin Periodontol. 2016;43(7):572-83.
50. Zitzmann NU, Ramseier CA, Weiger R, Walter C: Parodontitis - Pathogenese, Risikofaktoren und Bedeutung für die Allgemeingesundheit. Swiss Medical Forum. 2013; 13:183-86.

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## **Symptomatische Merkmale von Allgemeinerkrankungen in der Mundhöhle**

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1. Eickholz P. Physiologie der Mundhöhle. Der Hautarzt 2012;63:678-686.
2. Walter C. Diagnostik von Mundschleimhauterkrankungen. Der Freie Zahnarzt 2023;67:70–74.
3. Madani M, Berardi T, Stoowler ET. Anatomic and examination considerations of the oral cavity. Med Clin North Am 2014;98:1225-1238.
4. Filippi A, Hitz Lindenmüller I. Die Zunge. Berlin: Quintessenz 2016:1-15.