

## **Die neue Klassifikation der parodontalen Erkrankungen**

### **Eine Annäherung für den klinischen Alltag**

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**ZMK 11/2018 (34), S. 780-787**

#### **Literatur:**

1. AAP: American Academy of Periodontology task force report on the update to the 1999 classification of periodontal diseases and conditions. *Journal of Periodontology* 86, 835–838 (2015).
2. Albandar JM, Susin C, Hughes FJ: Manifestations of systemic diseases and conditions that affect the periodontal attachment apparatus: case definitions and diagnostic considerations. *Journal of Clinical Periodontology* 45, S171–S189 (2018).
3. Antônôvsqî, A. (1997). *Salutogenese: Zur Entmystifizierung der Gesundheit*. dgvt-Verlag.
4. Armitage GC: Development of a classification system for periodontal diseases and conditions. *Annals of Periodontology* 4 (1), 1–6 (1999).
5. Bartold P, Van Dyke TE: Host modulation: controlling the inflammation to control the infection. *Periodontology 2000* 75 (1), 317–329 (2017).
6. Baser U, Germen M, Erdem Y, Issever H, Yalcin F: Evaluation of gingival bleeding awareness by comparison of self-reports and clinical measurements of freshman dental students. *European Journal of Dentistry* 8 (3), 360 (2014).
7. Billings M, Holtfreter B, Papapanou PN, Mitnik GL, Kocher T, Dye BA: Age-dependent distribution of periodontitis in two countries: Findings from NHANES 2009 to 2014 and SHIP-TREND 2008 to 2012. *Journal of Clinical Periodontology* 45, S130–S148 (2018).
8. Brex MC, Gautschi M, Gehr P, Lang NP: Variability of histologic criteria in clinically healthy human gingiva. *Journal of Periodontal Research* 22 (6), 468–472 (1987).
9. Brex MC, Schlegel K, Gehr P, Lang NP: Comparison between histological and clinical parameters during human experimental gingivitis. *Journal of Periodontal Research* 22 (1), 50–57 (1987).
10. Caton J: Periodontal diagnosis and diagnostic aids. *American Academy of Periodontology. Proceedings of the World Workshop in Clinical Periodontics*, 1–22 (1989).
11. Caton J, Armitage G, Berglundh T et al.: A new classification scheme for periodontal and peri-implant diseases and conditions – introduction and key changes from the 1999 classification. *Journal of Periodontology* 89, S1–S8 (2018).
12. Chapple IL, Mealey BL, Van Dyke TE et al.: Periodontal health and gingival diseases and conditions on an intact and a reduced periodontium: Consensus report of workgroup 1 of the 2017 World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions. *Journal of Clinical Periodontology* 45, S68–S77 (2018).

13. Chaves ES, Wood RC, Jones AA, Newbold DA, Manwell MA, Kornman KS: Relationship of “bleeding on probing” and “gingival index bleeding” as clinical parameters of gingival inflammation. *Journal of Clinical Periodontology* 20 (2), 139–143 (1993).
14. Dewhirst FE, Tamer MA, Ericson RE et al.: The diversity of periodontal spirochetes by 16S rRNA analysis. *Oral Microbiology and Immunology* 15 (3), 196–202 (2000).
15. Eltas A, Uslu MO, Eltas SD: Association of oral health-related quality of life with periodontal status and treatment needs. *Oral Health Preventive Dentistry* 14 (4) 339-347 (2016).
16. Fine DH, Patil AG, Loos BG: Classification and diagnosis of aggressive periodontitis. *Journal of Clinical Periodontology* 45, S95–S111 (2018).
17. Greenstein G: The role of bleeding upon probing in the diagnosis of periodontal disease: A literature review. *Journal of Periodontology* 55 (12), 684–688 (1984).
18. Greenstein G, Caton J, Polson AM: Histologic characteristics associated with bleeding after probing and visual signs of inflammation. *Journal of Periodontology* 52 (8), 420–425 (1981).
19. Herrera D, Retamal-Valdes B, Alonso B, Feres M: Acute periodontal lesions (periodontal abscesses and necrotizing periodontal diseases) and endo-periodontal lesions. *Journal of Clinical Periodontology* 45, S78–S94 (2018).
20. Herrera D, Roldán S, Sanz M: The periodontal abscess: a review. *Journal of Clinical Periodontology* 27 (6), 377–386 (2000).
21. Holmstrup P: Non-plaque-induced gingival lesions. *Annals of Periodontology* 4 (1), 20–29 (1999).
22. Holmstrup P, Plemons J, Meyle J: Non–plaque-induced gingival diseases. *Journal of Clinical Periodontology* 45, S28–S43 (2018).
23. Karayiannis A, Lang NP, Joss A, Nyman S: Bleeding on probing as it relates to probing pressure and gingival health in patients with a reduced but healthy periodontium: a clinical study. *Journal of Clinical Periodontology* 19 (7), 471–475 (1992).
24. Lang NP: Proceedings of the 1st European Workshop on Periodontology. Quintessence Publishing Company (1994).
25. Lang NP, Bartold PM: Periodontal health. *Journal of Periodontology* 89, S9–S16 (2018).
26. Lang NP, Adler R, Joss A, Nyman S: Absence of bleeding on probing – an indicator of periodontal stability. *Journal of Clinical Periodontology* 17 (10), 714–721 (1990).
27. Lang NP, Joss A, Tonetti MS: Monitoring disease during supportive periodontal treatment by bleeding on probing. *Periodontology* 2000 12 (1), 44–48 (1996).
28. Lang NP, Nyman S, Senn C, Joss A: Bleeding on probing as it relates to probing pressure and gingival health. *Journal of Clinical Periodontology* 18 (4), 257–261 (1991).

29. Lang N, Bartold PM, Cullinan M et al.: Consensus report: aggressive periodontitis. *Annals of Periodontology* 4 (1), 53 (1999).
30. Lang N, Soskolne WA, Greenstein G et al.: Consensus report: necrotizing periodontal diseases. *Annals of Periodontology* 4 (1), 78 (1999).
31. Lindhe J, Ranney R, Lamster I et al.: Consensus report: chronic periodontitis. *Annals of Periodontology* 4 (1), 38 (1999).
32. Loe H: The gingival index, the plaque index and the retention index systems. *Journal of Periodontology* 38 (6P2), 610–616 (1967).
33. Machado ME, Tomazoni F, Casarin M, Ardenghi TM, Zanatta FB: Partial-mouth periodontal examination protocols for the determination of the prevalence and extent of gingival bleeding in adolescents. *Community Dentistry and Oral Epidemiology* 45 (5), 427–433 (2017).
34. Mariotti A: Dental plaque-induced gingival diseases. *Annals of Periodontology* 4 (1), 7–17 (1999).
35. Matuliene G, Pjetursson BE, Salvi GE, Schmidlin K, Bragger U, Zwahlen M, Lang NP: Influence of residual pockets on progression of periodontitis and tooth loss: results after 11 years of maintenance. *Journal of Clinical Periodontology* 35 (8), 685–695 (2008).
36. McLeod DE, Lainson PA, Spivey JD: Tooth loss due to periodontal abscess: a retrospective study. *Journal of Periodontology* 68 (10), 963–966 (1997).
37. Morelli T, Moss KL, Preisser JS, Beck JD, Divaris K, Wu D, Offenbacher S: Periodontal profile classes predict periodontal disease progression and tooth loss. *Journal of Periodontology* 89 (2), 148–156 (2018).
38. Murakami S, Mealey BL, Mariotti A, Chapple IL: Dental plaque-induced gingival conditions. *Journal of Clinical Periodontology* 45, S17–S27 (2018).
39. Page RC, Schroeder HE: Pathogenesis of inflammatory periodontal disease. A summary of current work. *Laboratory Investigation; a journal of technical methods and pathology*, 34 (3), 235–249 (1976).
40. Papapanou PN, Sanz M, Buduneli N et al.: Periodontitis: Consensus report of workgroup 2 of the 2017 World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions. *Journal of Periodontology* 89, S173–S182 (2018).
41. Peruzzo DC, Gimenes JH, Taiete T et al.: Impact of smoking on experimental gingivitis. A clinical, microbiological and immunological prospective study. *Journal of Periodontal Research* 51 (6), 800–811 (2016).
42. Ramseier CA, Anerud A, Dulac M et al.: Natural history of periodontitis: disease progression and tooth loss over 40 years. *Journal of Clinical Periodontology* 44 (12), 1182–1191 (2017).
43. Royzman D, Recio L, Badovinac RL, Fiorellini J, Goodson M, Howell H, Karimbux N: The effect of aspirin intake on bleeding on probing in patients with gingivitis. *Journal of Periodontology* 75 (5), 679–684 (2004).

44. Silva GL, Soares RV, Zenóbio EG: Periodontal abscess during supportive periodontal therapy: a review of the literature. *J Contemp Dent Pract* 9 (6), 82–91 (2008).
45. Tonetti MS, Chapple IL, Jepsen S, Sanz M: Primary and secondary prevention of periodontal and peri-implant diseases: introduction to, and objectives of the 11th European Workshop on Periodontology consensus conference. *Journal of Clinical Periodontology* 42, S1–S4 (2015).
46. Tonetti MS, Greenwell H, Kornman KS: Staging and grading of periodontitis: framework and proposal of a new classification and case definition. *Journal of Periodontology* 89, S159–S172 (2018).
47. Tran DT, Gay I, Du XL et al.: Assessing periodontitis in populations: a systematic review of the validity of partial-mouth examination protocols. *Journal of Clinical Periodontology* 40 (12), 1064–1071 (2013).
48. Trombelli L, Farina R: A review of factors influencing the incidence and severity of plaque-induced gingivitis. *Minerva Stomatologica* 62 (6), 207–234 (2013).
49. Trombelli L, Farina R, Silva CO, Tatakis DN. Plaque-induced gingivitis: case definition and diagnostic considerations. *Journal of Clinical Periodontology* 45, S44–S67 (2018).