

Ausgabe: Prophylaxe Journal 1/2022
Thema: Mehrwurzelige Zähne in der UPT
Autoren: Dr. Miriam Cyris, Prof. Dr. Christian Graetz

Literatur

- 1 Papapanou, P. N., Sanz, M., Buduneli, N., Dietrich, T., Feres, M., Fine, D. H., . . . Tonetti, M. S. (2018). Periodontitis: Consensus report of workgroup 2 of the 2017 World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions. *J Periodontol*, 89 Suppl 1, S173-S182. doi:10.1002/JPER.17-0721.
- 2 Petersilka, G. J., Ehmke, B., & Flemmig, T. F. (2002). Antimicrobial effects of mechanical debridement. *Periodontol* 2000, 28, 56-71. doi:10.1034/j.1600-0757.2002.280103.x
- 3 Westfelt, E. (1996). Rationale of mechanical plaque control. *J Clin Periodontol*, 23(3 Pt 2), 263-267. doi:10.1111/j.1600-051x.1996.tb02086.x.
- 4 AWMF. (2020). Die Behandlung von Parodontitis Stadium I bis III - Die deutsche Implementierung der S3-Leitlinie „Treatment of Stage I–III Periodontitis“ der European Federation of Periodontology (EFP). Arbeitsgemeinschaft der Wissenschaftlichen Medizinischen Fachgesellschaften (AWMF).
- 5 Graetz, C., Plaumann, A., Wiebe, J. F., Springer, C., Salzer, S., & Dorfer, C. E. (2014). Periodontal probing versus radiographs for the diagnosis of furcation involvement. *J Periodontol*, 85(10), 1371-1379. doi:10.1902/jop.2014.130612.
- 6 Nibali L, Shemie M, Li G, Ting R, Asimakopoulou K, Barbagallo G, Lee R, Eickholz P, Kocher T, Walter C, Aimetti M, Rüdiger S. Periodontal furcation lesions: A survey of diagnosis and management by general dental practitioners. *J Clin Periodontol*. 2021 Nov;48(11):1441-1448. doi: 10.1111/jcpe.13543. Epub 2021 Sep 21. PMID: 34472119.
- 7 Dommisch, H., Walter, C., Dannewitz, B., & Eickholz, P. (2020). Resective surgery for the treatment of furcation involvement: A systematic review. *J Clin Periodontol*, 47 Suppl 22, 375-391. doi:10.1111/jcpe.13241.
- 8 Jepsen, S., Gennai, S., Hirschfeld, J., Kalemaj, Z., Buti, J., & Graziani, F. (2020). Regenerative surgical treatment of furcation defects: A systematic review and Bayesian network meta-analysis of randomized clinical trials. *J Clin Periodontol*, 47 Suppl 22, 352-374. doi:10.1111/jcpe.13238.
- 9 Sanz, M., Herrera, D., Kebschull, M., Chapple, I., Jepsen, S., Beglundh, T., . . . Methodological, C. (2020). Treatment of stage I-III periodontitis-The EFP S3 level clinical practice guideline. *J Clin Periodontol*, 47 Suppl 22, 4-60. doi:10.1111/jcpe.13290.
- 10 Sanz, M., Baumer, A., Buduneli, N., Dommisch, H., Farina, R., Kononen, E., . . . Winkel, E. (2015). Effect of professional mechanical plaque removal on secondary prevention of periodontitis and the complications of gingival and periodontal preventive measures: consensus report of group 4 of the 11th European Workshop on Periodontology on effective prevention of periodontal and peri-implant diseases. *J Clin Periodontol*, 42 Suppl 16, S214-220. doi:10.1111/jcpe.12367.
- 11 Laleman, I., Cortellini, S., De Winter, S., Rodriguez Herrero, E., Dekeyser, C., Quirynen, M., & Teughels, W. (2017). Subgingival debridement: end point, methods and how often? *Periodontol* 2000, 75(1), 189-204. doi:10.1111/prd.12204.

- 12 Petersilka, G., Koch, R., Vomhof, A., Joda, T., Harks, I., Arweiler, N., & Ehmke, B. (2021). Retrospective analysis of the long-term effect of subgingival air polishing in supportive periodontal therapy. *J Clin Periodontol*, 48(2), 263-271. doi:10.1111/jcpe.13392.
- 13 Sculean, A., Bastendorf, K. D., Becker, C., Bush, B., Einwag, J., Lanoway, C., . . . Flemmig, T. F. (2013). A paradigm shift in mechanical biofilm management? Subgingival air polishing: a new way to improve mechanical biofilm management in the dental practice. *Quintessence Int*, 44(7), 475-477. doi:10.3290/j.qi.a 29615.
- 14 Petersilka, G. J. (2011). Subgingival air-polishing in the treatment of periodontal biofilm infections. *Periodontol 2000*, 55(1), 124-142. doi:10.1111/j.1600-0757.2010.00342.x.
- 15 Hagi, T. T., Hofmanner, P., Eick, S., Donnet, M., Salvi, G. E., Sculean, A., & Ramseier, C. A. (2015). The effects of erythritol air-polishing powder on microbiologic and clinical outcomes during supportive periodontal therapy: Six-month results of a randomized controlled clinical trial. *Quintessence Int*, 46(1), 31-41. doi:10.3290/j.qi.a 32817.
- 16 Nascimento, G. G., Leite, F. R. M., Pennisi, P. R. C., Lopez, R., & Paranhos, L. R. (2021). Use of air polishing for supra- and subgingival biofilm removal for treatment of residual periodontal pockets and supportive periodontal care: a systematic review. *Clin Oral Investig*, 25(3), 779-795. doi:10.1007/s00784-020-03762-y.
- 17 Petersilka, G., Heckel, R., Koch, R., Ehmke, B., & Arweiler, N. (2018). Evaluation of an ex vivo porcine model to investigate the effect of low abrasive airpolishing. *Clin Oral Investig*, 22(7), 2669-2673. doi:10.1007/s00784-018-2536-5.
- 18 Sultan DA, H. R., Gillam DG. (2017). Air-Polishing in Subgingival Root Debridement: A Critical Literature Review. *J Dent Oral Biol.*, 2(10), 1065.
- 19 Ng, E., Byun, R., Spahr, A., & Divnic-Resnik, T. (2018). The efficacy of air polishing devices in supportive periodontal therapy: A systematic review and meta-analysis. *Quintessence Int*, 49(6), 453-467. doi:10.3290/j.qi.a 40341.
- 20 Ulvik, I. M., Saethre, T., Bunaes, D. F., Lie, S. A., Enersen, M., & Leknes, K. N. (2021). A 12-month randomized controlled trial evaluating erythritol air-polishing versus curette/ultrasonic debridement of mandibular furcations in supportive periodontal therapy. *BMC Oral Health*, 21(1), 38. doi:10.1186/s12903-021-01397-3.
- 21 Seidel, M., Borenus, H., Schorr, S., Christofzik, D., & Graetz, C. (2021). Results of an experimental study of subgingival cleaning effectiveness in the furcation area. *BMC Oral Health*, 21(1), 381. doi:10.1186/s12903-021-01736-4.
- 22 Hamp, S. E., Nyman, S., & Lindhe, J. (1975). Periodontal treatment of multirooted teeth. Results after 5 years. *J Clin Periodontol*, 2(3), 126-135. doi:10.1111/j.1600-051x.1975.tb01734.x
- 23 Moene, R., Decaillet, F., Andersen, E., & Mombelli, A. (2010). Subgingival plaque removal using a new air-polishing device. *J Periodontol*, 81(1), 79-88. doi:10.1902/jop.2009.090394.
- 24 Graetz, C., Schwendicke, F., Plaumann, A., Rauschenbach, S., Springer, C., Kahl, M., . . . Dorfer, C. E. (2015). Subgingival instrumentation to remove simulated plaque in vitro: influence of operators' experience and type of instrument. *Clin Oral Investig*, 19(5), 987-995. doi:10.1007/s00784-014-1319-x.
- 25 Graetz, C., Bräuning, A., & Dörfer, C. E. (2017). Instrumentierung der Wurzeloberfläche im Rahmen der Parodontitistherapie. *Quintessenz*, 68(6), 643-658.