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**Wie sollen wir Parodontitis künftig therapieren: Antibakteriell oder antiinflammatorisch?**

Dagmar Kromer-Busch, Prof. Dr. Peter Hahner

## **Literatur**

- [1] Sanz M, Herrera D, Kebschull M, Chapple ILC, Jepsen S, Berglundh T, Sculean A, Tonetti M. on behalf of the EFP Workshop Participants and Methodological Consultants. Treatment of stage I-III periodontitis – The EFP S3 level clinical practice guideline. *J Clin Periodontol.* 2020;47:4–60.
- [2] Jepsen S, Dannewitz B, Kebschull M. S3-Leitlinie der EFP: Behandlung der Parodontitis der Stadien I-III. *zm-online* 01.09.2020 (Heft 17/2020) <https://www.zm-online.de/archiv/2020/17/zahnmedizin/behandlung-der-parodontitis-der-stadien-i-iii/> zuletzt abgerufen am 25.09.2020.
- [3] Roberts FA, Darveau RP. Microbial Protection and Virulence in Periodontal Tissue as a Function of Polymicrobial Communities; Symbiosis and Dysbiosis. *Periodontol 2000.* 2015;69(1):18–27. doi: 10.1111/prd.12087.
- [4] Needleman I, Suvan J, Moles DR, Pimlott J. A systematic review of professional mechanical plaque removal for prevention of periodontal diseases. *J Clin Periodontol.* 2005;32 Suppl 6:229–82. doi: 10.1111/j.1600-051X.2005.00804.x. PMID: 16128841.  
Conclusion: “There appears to be little value in providing PMPR without OHI [Oral Hygiene Instructions = Mundhygieneinstruktionen]. In fact, repeated OHI might have a similar effect as PMPR. Some forms of PMPR might achieve greater patient satisfaction. There is little difference in beneficial or adverse effects of different methods of PMPR.”
- [5] Petersilka G, Faggion CM, Jr., Stratmann U, Gerss J, Ehmke B, Haerberlein I, Flemmig TF. Effect of glycine powder air-polishing on the gingiva. *J Clin Periodontol.* 2008;35(4):324–332. doi:10.1111/j.1600-051X.2007.01195.x.
- [6] Salvi GE, Stähli A, Schmidt JC, Ramseier CA, Sculean A, Walter C. Adjunctive laser or antimicrobial photodynamic therapy to non-surgical mechanical instrumentation in patients with untreated periodontitis: A systematic review and meta-analysis. *J Clin Periodontol.* 2020 Jul;47 Suppl 22:176–198. doi: 10.1111/jcpe.13236. PMID: 31859395.
- [7] Arweiler NB, Pietruska M, Skurska A et al. Nonsurgical treatment of aggressive periodontitis with photodynamic therapy or systemic antibiotics. Three-month results of a randomized, prospective, controlled clinical study. *Schweiz Monatsschr Zahnmed* 2013;123:532–544.

- [8] Hajishengallis G. Periodontitis: from microbial immune subversion to systemic inflammation. *Nat Rev Immunol*. 2015;15:30–44. <https://doi.org/10.1038/nri3785>.
- [9] Schlagenhauf, U, Rehder, J, Gelbrich, G, Jockel-Schneider, Y. Consumption of *Lactobacillus reuteri*-containing lozenges improves periodontal health in navy sailors at sea: A randomized controlled trial. *J Periodontol*. 2020;1-11. (Online Version of Record before inclusion in an issue) <https://doi.org/10.1002/JPER.19-0393>.
- [10] Harks I, Koch R, Eickholz P, Hoffmann T, Kim TS, Kocher T, Meyle J, Kaner D, Schlagenhauf U, Doering S, Holtfreter B, Gravemeier M, Harmsen D, Ehmke B. Is progression of periodontitis relevantly influenced by systemic antibiotics? A clinical randomized trial. *J Clin Periodontol*. 2015 Sep;42(9):832–842. doi: 10.1111/jcpe.12441. Epub 2015 Sep 22. PMID: 26250060; PMCID: PMC5054899.
- [11] Eickholz P, Koch R, Kocher T, Hoffmann T, Kim TS, Meyle J, Kaner D, Schlagenhauf U, Harmsen D, Harks I, Ehmke B. Clinical benefits of systemic amoxicillin/metronidazole may depend on periodontitis severity and patients' age: An exploratory sub-analysis of the ABPARO trial. *J Clin Periodontol*. 2019 Apr;46(4):491–501. doi: 10.1111/jcpe.13096. Epub 2019 Apr 12. PMID: 30825384; PMCID: PMC6594242.
- [12] Van Dyke TE, Bartold PM, Reynolds EC. The Nexus Between Periodontal Inflammation and Dysbiosis. *Front Immunol*. 2020 Mar 31;11:511. doi: 10.3389/fimmu.2020.00511. PMID: 32296429; PMCID: PMC7136396.