

LITERATUR ZMK 10 2024

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Prof.- Dr. Claus-Peter Ernst

Erst einmal einen Tee...

- [1] Bertelsen HW. Avulsionswetter. zm 1.3.2016; 106 (5a), 430 Heftseite 12; https://www.zm-online.de/fileadmin/user_upload/ZM_2016_05.pdf
- [2] zm 16.4.2016; 106 (8A), 816 Heftseite 10; https://www.zm-online.de/fileadmin/user_upload/ZM_2016_08.pdf
- [3] https://register.awmf.org/assets/guidelines/083-004I_S2k_Therapie-des-dentalen-Traumas-bleibender-Zaehne_2022-10.pdf
- [4] <https://www.zm-online.de/artikel/2022/gold-bleibt-der-goldstandard/autogene-zahntransplantation-von-praemolaren>, https://www.zm-online.de/fileadmin/user_upload/zm_19_2022_online.pdf

Ebenfalls hilfreich zum Thema:

<https://dentalwelt.spitta.de/zahnmedizin/diagnostik-und-therapie-horizontaler-wurzelfrakturen/>

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Dr. Nicola Meißner

Milchzahnendodontie – zeichnet sich ein Paradigmenwechsel ab?

- [1] American Academy of Pediatric Dentistry. Pulp therapy for primary and immature permanent teeth. The Reference Manual of Pediatric Dentistry. Chicago, Ill.: American Academy of Pediatric Dentistry 2023: 457-65.
- [2] Anil S, Anand PS. Early Childhood Caries: Prevalence, Risk Factors, and Prevention. Front Pediatr. 2017; 5: 157. doi:10.3389/fped.2017.00157
- [3] BaniHani A, Santamaría RM, Hu S, Maden M, Albadri S. Minimal intervention dentistry for managing carious lesions into dentine in primary teeth: an umbrella review. Eur Arch Paediatr Dent. 2022; 23 (5): 667-693. doi: 10.1007/s40368-021-00675-6. Epub 2021 Nov 16. PMID: 34784027; PMCID: PMC9637620.

- [4] Bekes K. Milchzahnendodontie. In: Zahnmedizin up2date 2018; 12 (5): 395-411. ISSN 1865-0457. Georg Thieme Verlag KG
- [5] Benjamin RM. Oral health: the silent epidemic. Public Health Rep. 2010; 125 (2): 158-9. doi: 10.1177/003335491012500202. PMID: 20297740; PMCID: PMC2821841.
- [6] Boutsiouki C, Frankenberger R, Krämer N. Clinical and radiographic success of (partial) pulpotomy and pulpectomy in primary teeth: A systematic review. Eur J Paediatr Dent. 2021; 22 (4): 273-285.
- [7] Coll JA, Vargas K, Marghalani AA, Chen CY, AlShamali S, Dhar V, Crystal YO. A Systematic Review and Meta-Analysis of Nonvital Pulp Therapy for Primary Teeth. Pediatr Dent. 2020; 42 (4): 256-461. PMID: 32847665.
- [8] Deutsche Arbeitsgemeinschaft für Jugendzahnpflege. Epidemiologische Begleituntersuchungen zur Gruppenprophylaxe 2016. Bonn: Deutsche Arbeitsgemeinschaft für Jugendzahnpflege, 2017.
- [9] Dhar V, Marghalani AA, Crystal YO, Kumar A, Ritwik P, Tulunoglu O, Graham L. Use of Vital Pulp Therapies in Primary Teeth with Deep Caries Lesions. Pediatr Dent. 2017 Sep 15;39(5):146-159. Erratum in: Pediatr Dent. 2020; 42 (1): 12-15. PMID: 29070150.
- [10] Dikmen B. Icdas II criteria (international caries detection and assessment system). J Istanb Univ Fac Dent. 2015; 49 (3): 63-72. doi: 10.17096/jiufd.38691. PMID: 28955548; PMCID: PMC5573507.
- [11] Dimitraki D, Papageorgiou SN, Kotsanos N. Direct pulp capping versus pulpotomy with MTA for carious primary molars: a randomised clinical trial. Eur Arch Paediatr Dent. 2019; 20 (5): 431-440. doi: 10.1007/s40368-019-00419-7. Epub 2019 Feb 20. PMID: 30788777.
- [12] Duggal M, Gizani S, Albadri S, Krämer N, Stratigaki E, Tong HJ, Seremidi K, Kloukos D, BaniHani A, Santamaría RM, Hu S, Maden M, Amend S, Boutsiouki C, Bekes K, Lygidakis N, Frankenberger R, Monteiro J, Anttonen V, Leith R, Sobczak M, Rajasekharan S, Parekh S. Best clinical practice guidance for treating deep carious lesions in primary teeth: an EAPD policy document. Eur Arch Paediatr Dent. 2022; 23 (5): 659-666. doi: 10.1007/s40368-022-00718-6. Epub 2022 Oct 11. PMID: 36219336; PMCID: PMC9637614.
- [13] Hu S, BaniHani A, Nevitt S, Maden M, Santamaria RM, Albadri S. Hall technique for primary teeth: A systematic review and meta-analysis. Jpn Dent Sci Rev. 2022; 58: 286-297.
- [14] Khodadadi E, Mohammadpour M, Motamedian SR, Kouhestani F. Failure Rate of Pediatric Dental Treatment under General Anesthesia. Dent J. (Basel) 2018; 6 (3): 25. doi: 10.3390/dj6030025. PMID: 29932133; PMCID: PMC6162701.
- [15] Schwendicke F, Walsh T, Lamont T, Al-Yaseen W, Bjørndal L, Clarkson JE, Fontana M, Gomez Rossi J, Göstemeyer G, Levey C, Müller A, Ricketts D, Robertson M, Santamaria RM, Innes NP. Interventions for treating cavitated or dentine carious lesions. Cochrane Database Syst Rev. 2021; 7 (7): CD013039. doi: 10.1002/14651858.CD013039.pub2. PMID: 34280957; PMCID: PMC8406990.

- [16] Seifo N, Cassie H, Radford JR, Innes NPT. Silver diamine fluoride for managing carious lesions: an umbrella review. *BMC Oral Health*. 2019; 19 (1): 145.
- [17] Splieth CH, Banerjee A, Bottenberg P, Breschi L, Campus G, Ekstrand KR, Giacaman RA, Haak R, Hannig M, Hickel R, Juric H, Lussi A, Machiulskiene V, Manton DJ, Jablonski-Momeni A, Opdam NJM, Paris S, Santamaría RM, Schwendicke F, Tassery H, Ferreira Zandona A, Zero DT, Zimmer S, Doméjean S. How to Intervene in the Caries Process in Children: A Joint ORCA and EFCD Expert Delphi Consensus Statement. *Caries Res*. 2020; 54 (4): 297-305. doi: 10.1159/000507692. Epub 2020 Jul 1. PMID: 32610317.
- [18] Wyne AH. Early childhood caries: nomenclature and case definition. *Community Dent Oral Epidemiol*. 1999; 27 (5): 313-5. doi: 10.1111/j.1600-0528.1999.tb02026.x. PMID: 10503790.

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Prof. Dr. med. dent. Sigrun Eick, Dr. med. dent. Gert Jungbauer MSc.

Propolis – eine potenzielle Alternative zu Antibiotika in der Parodontaltherapie

- [1] Altun, E., et al. Association between dietary pattern and periodontitis-a cross-sectional study. *Nutrients* 2021; 13 (11).
- [2] Curtis, M.A., P.I. Diaz, and T.E. Van Dyke The role of the microbiota in periodontal disease. *Periodontol 2000*, 2020; 83 (1): 14-25.
- [3] Papapanou, P.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. *J Clin Periodontol*. 2018; 45 Suppl 20: S162-S170.
- [4] Chapple, I.L.C., 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. *J Clin Periodontol*. 2018; 45 Suppl 20: S68-S77.
- [5] Deutsche Gesellschaft für Parodontologie. Die deutsche Implementierung der S3-Leitlinie "Treatment of Stage I-III Periodontitis" der European Federation of Periodontology (EFP). 2021.
- [6] Guerra, F., et al., Therapeutic efficacy of chlorhexidine-based mouthwashes and its adverse events: performance-related evaluation of mouthwashes added with anti-discoloration system and cetylpyridinium chloride. *Int J Dent Hyg*. 2019; 17 (3): 229-236.
- [7] Laleman, I. and W. Teughels. Novel natural product-based oral topical rinses and toothpastes to prevent periodontal diseases. *Periodontol 2000*. 2020; 84 (1): 102-123.

- [8] Przybyłek, I. and T.M. Karpinski. Antibacterial properties of propolis. *Molecules* 2019; 24 (11).
- [9] Stahli, A., et al. In vitro activity of propolis on oral microorganisms and biofilms. *Antibiotics (Basel)* 2021; 10 (9).
- [10] Moise, A.R. and O. Bobis. *Baccharis dracunculifolia* and *Dalbergia ecastophyllum*, main plant sources for bioactive properties in Green and Red Brazilian propolis. *Plants (Basel)* 2020; 9 (11).
- [11] Salatino, A. Perspectives for uses of propolis in therapy against infectious diseases. *Molecules* 2022; 27 (14).
- [12] Yang, J., et al. Research progress on therapeutic effect and mechanism of propolis on wound healing. *Evid Based Complement Alternat Med.* 2022; 2022: 5798941.
- [13] Kuropatnicki, A.K., E. Szliszka, and W. Krol. Historical aspects of propolis research in modern times. *Evid Based Complement Alternat Med.* 2013; 2013: 964149.
- [14] Pasupuleti, V.R., et al. Honey, propolis, and royal jelly: A comprehensive review of their biological actions and health benefits. *Oxid Med Cell Longev.* 2017; 2017: 1259510.
- [15] Zulkiflee, N., H. Taha, and A. Usman. Propolis: Its role and efficacy in human health and diseases. *Molecules* 2022; 27 (18).
- [16] RojaRamya, K.S., et al. In vivo evaluation of zinc oxide-propolis mixture as root canal filling material in the primary molars: A 24-month follow-up randomized controlled trial. *J Indian Soc Pedod Prev Dent.* 2020; 38 (2): 171-176.
- [17] El-Allaky, H.S., et al. Antimicrobial effect of propolis administered through two different vehicles in high caries risk children: A randomized clinical trial. *J Clin Pediatr Dent.* 2020; 44 (5): 289-295.
- [18] González-Serrano, J., et al. Short-term efficacy of a gel containing propolis extract, nanovitamin C and nanovitamin E on peri-implant mucositis: A double-blind, randomized, clinical trial. *J Periodontal Res.* 2021; 56 (5): 897-906.
- [19] Kiani, S., R. Birang, and N. Jamshidian. Effect of propolis mouthwash on clinical periodontal parameters in patients with gingivitis: A double-blinded randomized clinical trial. *Int J Dent Hyg.* 2022; 20 (2): 434-440.
- [20] Nakao, R., et al. Effect of topical administration of propolis in chronic periodontitis. *Odontology* 2020; 108 (4): 704-714.
- [21] da Silva Barboza, A., et al. Are propolis extracts potential pharmacological agents in human oral health? - A scoping review and technology prospecting. *J Ethnopharmacol.* 2021; 271: 113846.
- [22] Yoshimasu, Y., et al. Rapid bactericidal action of propolis against *Porphyromonas gingivalis*. *J Dent Res.* 2018; 97 (8): 928-936.
- [23] Miranda, S.L.F., et al. Brazilian red propolis reduces orange-complex periodontopathogens growing in multispecies biofilms. *Biofouling* 2019; 35 (3): 308-319.

- [24] de Figueiredo, K.A., et al. Brazilian Red propolis is as effective as amoxicillin in controlling red-complex of multispecies subgingival mature biofilm in vitro. *Antibiotics (Basel)* 2020; 9 (8).
- [25] Klosek, M., et al. The effect of ethanolic extract of Brazilian green propolis and artemisin C on aFGF-1, E-selectin, and CD40L secreted by human gingival fibroblasts. *Cent Eur J Immunol.* 2021; 46 (4): 438-445.
- [26] Stahli, A., et al. Caffeic acid phenethyl ester protects against oxidative stress and dampens inflammation via heme oxygenase 1. *Int J Oral Sci.* 2019; 11 (1): 6.
- [27] Coluccia, A., et al. In vitro study on Green propolis as a potential ingredient of oral health care products. *Antibiotics (Basel)* 2022; 11 (12).
- [28] Toker, H., et al. A morphometric and histopathologic evaluation of the effects of propolis on alveolar bone loss in experimental periodontitis in rats. *J Periodontol.* 2008; 79 (6): 1089-94.
- [29] Bretz, W.A., et al. The effectiveness of propolis on gingivitis: a randomized controlled trial. *J Altern Complement Med.* 2014; 20 (12): 943-8.
- [30] Bapat, S., et al. Effect of propolis mouth rinse on oral microorganisms - a randomized controlled trial. *Clin Oral Investig.* 2021; 25 (11): 6139-6146.
- [31] Gunjal, S. and D.G.S. Pateel. Comparative effectiveness of propolis with chlorhexidine mouthwash on gingivitis - a randomized controlled clinical study. *BMC Complement Med Ther.* 2024; 24 (1): 154.
- [32] Gebaraa, E.C., et al. Propolis extract as an adjuvant to periodontal treatment. *Oral Health Prev Dent.* 2003; 1(1): 29-35.
- [33] Coutinho, A. Honeybee propolis extract in periodontal treatment: a clinical and microbiological study of propolis in periodontal treatment. *Indian J Dent Res.* 2012; 23 (2): 294.
- [34] Andrade, D.P., et al. Subgingival irrigation with a solution of 20% propolis extract as an adjunct to non-surgical periodontal treatment: A preliminary study. *J Int Acad Periodontol.* 2017; 19 (4): 145-151.
- [35] Waqar, S.M., et al. Comparative evaluation of propolis mouthwash with 0.2% chlorhexidine mouthwash as an adjunct to mechanical therapy in improving the periodontitis among perimenopausal women: A randomized controlled trial. *BMC Oral Health* 2024; 24 (1): 26.
- [36] Kumar, A., et al. Comparison of plaque inhibiting efficacies of Aloe vera and propolis tooth gels: A randomized PCR study. *J Clin Diagn Res.* 2015; 9 (9): ZC01-3.
- [37] Sahu, S.A., et al. Efficacy of sub-gingivally delivered propolis nanoparticle in non-surgical management of periodontal pocket: A randomized clinical trial. *Biomolecules* 2023; 13 (11).
- [38] El-Sharkawy, H.M., M.M. Anees, and T.E. Van Dyke. Propolis improves periodontal status and glycemic control in patients with type 2 Diabetes mellitus and chronic periodontitis: A randomized clinical trial. *J Periodontol.* 2016; 87 (12): 1418-1426.

- [39] Lisbona-Gonzalez, M.J., et al.. Effect of propolis paste and mouthwash formulation on healing after teeth extraction in periodontal disease. *Plants (Basel)* 2021; 10 (8).

ZMK 2024; 40 (10) S. 566–570

Dr. Ulrike Oßwald-Dame

Factoring in der Zahnarztpraxis

- [1] Verteilung des Factoring-Geschäfts in Deutschland im Jahr 2023 nach Branchen. Abruf am 17.09.2024 unter <https://de.statista.com/statistik/daten/studie/503849/umfrage/verteilung-des-deutschen-factoring-geschaefts-nach-branchen/>
- [2] Buske N.: Factoring für Ärzte und Zahnärzte: Vergleichen lohnt sich! Abruf am 17.09.2024 unter <https://medizinio.de/blog/factoring-arzt>
- [3] Corsten H.: Lexikon der Betriebswirtschaftslehre. ISBN 3-486-22657-6: S. 229
- [4] Lorenz H.: Factoring: Vorteile und Nachteile. Das Unternehmerhandbuch. 4/2017. Abruf am 17.09.2024 unter https://das-unternehmerhandbuch.de/factoring-vorteile-und-nachteile/#Welche_Nachteile_hat_Factoring
- [5] Was kostet Factoring? – Die Gebühren im Detail. Abruf am 17.09.2024 unter <https://www.factoring-mittelstand.de/factoring-definition/factoring-kosten>
- [6] Busse F.-J.: Grundlagen der betrieblichen Finanzwirtschaft. ISBN 3-486-21866-2: S. 186 ff.
- [7] von Röpenack M.: Echtes vs. Unechtes Factoring. Das sind die Unterschiede. Abruf am 17.09.2024 unter <https://www.abcfinance.de/blog/artikel/echtes-vs-unechtes-factoring/>
- [8] Glaser D.: Factoring Zahnarztpraxis. Abruf am 18.09.2024 unter <https://www.bookedoutdentist.de/factoring-zahnarztpraxis/>
- [9] Factoring für Ärzte und Zahnärzte: Gesicherte Liquidität für Ihre Arztpraxis. Abruf am 17.09.2024 unter <https://abrechnungsstelle.com/factoring/>
- [10] Woitzik S.: Factoring für Zahnärzte – Die 4 wichtigsten Funktionen. Abruf am 17.09.2024 unter <https://www.dzw.de/wie-funktioniert-factoring-eigentlich>
- [11] Fincompare: Factoring Unternehmen – Das sollten Sie beachten. Abruf am 17.09.2024 unter <https://fincompare.de/finanzmagazin/factoring-unternehmen-das-sollten-sie-beachten>
- [12] Nelly Solutions GmbH: Factoring für Zahnärzte und Kieferorthopäden – Finanzielle Stabilität für Ihre Praxis. Abruf am 17.09.2024 unter <https://www.praxis-upgrade.de/factoring-fuer-zahnaerzte-und-kieferorthopaeden/>
-

Zahnerhaltung und Prothetik rücken zusammen

- [1] DGZ, DGZMK: S3-Leitlinie „Direkte Kompositrestaurationen an bleibenden Zähnen im Front- und Seitenzahnbereich“, Langfassung, Version 2.0, 2024, AWMF-Registriernummer: 083-028, <https://www.awmf.org/leitlinien/detail/II/083-028.html>, (Zugriff am: 14.05.2024)
- [2] Hofsteenge JW, Scholtanus JD, Özcan M, Nolte IM, Cune MS, Gresnigt MMM. Clinical longevity of extensive direct resin composite restorations after amalgam replacement with a mean follow-up of 15 years. J Dent. 2023 Mar;130:104409. doi: 10.1016/j.jdent.2023.104409. Epub 2023 Jan 6. PMID: 36623686.
- [3] Lehmann A, et al. Awareness of possible complications associated with direct composite restorations: A multinational survey among dentists from 13 countries with meta-analysis. J Dent. 2024 Jun;145:105009. doi: 10.1016/j.jdent.2024.105009. Epub 2024 Apr 20. PMID: 38643866.
- [4] Aziz AM, Suliman S, Sulaiman TA, Abdulmajeed A. Clinical and radiographical evaluation of CAD-CAM crowns with and without deep margin elevation: 10-year results. J Prosthet Dent. 2024 May 8:S0022-3913(24)00291-9. doi: 10.1016/j.prosdent.2024.04.017. Epub ahead of print. PMID: 38724338
- [5] Kanzow P, Biermann J, Wiegand A. Questionnaire Survey on the Management of Erosive Tooth Wear. Oral Health Prev Dent. 2019;17(3):227-234. doi: 10.3290/j.ohpd.a41811. PMID: 30714060.
- [6] Attin T, Schmidlin PR, Tauböck TT. Direkte Restaurationstechnik im Seitenzahnbereich zur Versorgung von erosionsbedingtem Zahnhartsubstanzverlust [Direct adhesive reconstructions for restoration of posterior teeth with erosive tooth wear. Swiss Dent J. 2023 Jul 10;133(7-8):489-495. German. doi: 10.61872/sdj-2023-07-08-04. PMID: 37386907
- [7] Schwendicke F et al. Interventions for treating cavitated or dentine carious lesions. Cochrane Database Syst Rev. 2021 Jul 19;7(7):CD013039. doi: 10.1002/14651858.CD013039.pub2. PMID: 34280957; PMCID: PMC8406990.
- [8] Faggion CM Jr, Giannakopoulos NN et al. How strong is the evidence for the need to restore posterior bounded edentulous spaces in adults? Grading the quality of evidence and the strength of recommendations. J Dent 2011;39: 108–116
- [9] Shugars DA, Bader JD, Phillips SW Jr, White BA, Brantley CF. The consequences of not replacing a missing posterior tooth. J Am Dent Assoc. 2000 Sep;131(9):1317-23. doi: 10.14219/jada.archive.2000.0385. PMID: 10986832.
- [10] Witter DJ, van Palenstein Helderman WH, Creugers NH, Käyser AF. The shortened dental arch concept and its implications for oral health care. Community Dent Oral Epidemiol. 1999 Aug;27(4):249-58. doi: 10.1111/j.1600-0528.1998.tb02018.x. PMID: 10403084.

- [11] Staehle HJ et al. A 6.5-year clinical follow-up of direct resin composite buildups in the posterior dentition: Introduction of a new minimally invasive restorative method. *Journal of Dentistry*. 2015;43(10):1211-7
- [12] Staehle HJ, Sekundo C, Hieronymus H, Büsch C, Frese C. Replacing single missing teeth in the posterior region using direct composite restorations: Survival and clinical quality. *J Dent*. 2021 Oct;113:103754. doi: 10.1016/j.jdent.2021.103754. Epub 2021 Jul 30. PMID: 34333054.
- [13] Heymann C. et al., Implantatprothetik versus konventionelle Prothetik bei Freiendsituationen. *Z. Zahnärztl Implantol*, 2000. 16: p. 190-195
- [14] Passia N, Chaar MS, Kern M. Clinical outcome of posterior cantilever resin-bonded fixed dental prostheses using two different luting agents. *J Prosthodont Res*. 2023 Apr 12;67(2):161-163. doi: 10.2186/jpr.JPR_D_22_00033. Epub 2022 Jul 15. PMID: 35851047.
- [15] Hugoson A et al. The effect of three different dental health preventive programs on young adult individuals: a randomized, blinded, parallel evaluation of oral hygiene behavior on plaque and gingivitis. *J Clin Periodontol* 2007;34:407-415
- [16] Seidel A, Dannewitz B. Prävention in Deutschland. unveröffentliche Daten, 2024 – nicht repräsentativ
- [17] Bidra AS, Daubert DM, Garcia LT, Kosinski TF, Nenn CA, Olsen JA, Platt JA, Wingrove SS, Chandler ND, Curtis DA. Clinical Practice Guidelines for Recall and Maintenance of Patients with Tooth-Borne and Implant-Borne Dental Restorations. *J Dent Hyg*. 2016 Feb;90(1):60-9. PMID: 26896518.
- [18] Wolfart S, Weyer N, Kern M. Patient attendance in a recall program after prosthodontic rehabilitation: a 5-year follow-up. *Int J Prosthodont*. 2012 Sep-Oct;25(5):491-6. PMID: 22930772.
- [19] Heitz-Mayfield LJA, Heitz F, Lang NP. Implant Disease Risk Assessment IDRA-a tool for preventing peri-implant disease. *Clin Oral Implants Res*. 2020 Apr;31(4):397-403. doi: 10.1111/clr.13585. Epub 2020 Feb 20. PMID: 32003037.

ZMK 2024; 40 (10) S. 596–597

Das dauerhafte Vermächtnis des MDP-Monomers

- [1] Van Meerbeek B, Peumans M, Poitevin A, Mine A, Van Ende A, Neves A, et al. Relationship between bond-strength tests and clinical outcomes. *Dent Mater*. 2010;26(2):e100-21.
- [2] Kern M, Passia N, Sasse M, Yazigi C. Ten-year outcome of zirconia ceramic cantilever resin-bonded fixed dental prostheses and the influence of the reasons for missing incisors. *J Dent*. 2017;65:51-5.
- [3] Kern M, Sasse M. Ten-year survival of anterior all-ceramic resin-bonded fixed dental prostheses. *J Adhes Dent*. 2011;13(5):407-10.
- [4] Yoshihara K, Nagaoka N, Okihara T, Kuroboshi M, Hayakawa S, Maruo Y, et al. Functional monomer impurity affects adhesive performance. *Dent Mater*. 2015;31(12):1493-501.

Weitere Referenzen

Nagaoka N, Yoshihara K, Feitosa VP, Tamada Y, Irie M, Yoshida Y, Van Meerbeek B, Hayakawa S. Chemischer Wechselwirkungsmechanismus von 10-MDP mit Zirkonia. Sci Rep. 2017 30. März;7:45563.

Fehrenbach J, Isolan CP, Münchow EA. Ist das Vorhandensein von 10-MDP mit einer höheren Klebeleistung für selbstätzende Klebstoffsysteme verbunden? Eine Meta-Analyse von In-vitro-Studien. Dent Mater. 2021 Okt;37(10):1463-1485.

Carrilho E, Cardoso M, Marques Ferreira M, Marto CM, Paula A, Coelho AS. 10-MDP-basierte Dentalklebstoffe: Charakterisierung der Klebstoffschnittstelle und Klebstoffstabilität - Eine systematische Überprüfung.

Peumans M, De Munck J, Van Landuyt K, Van Meerbeek B. Dreizehnjährige randomisierte kontrollierte klinische Studie mit einem zweistufigen Selbstätzklebstoff bei nicht-kariösen zervikalen Läsionen. Dent Mater. 2015 Mar;31(3):308-14.

Kern M, Barloi A, Yang B. Oberflächenkonditionierung beeinflusst die Keramikbindung von Zirkonia. J Dent Res. 2009; 88: 817–822.