

Studiensammlung PULPDENT

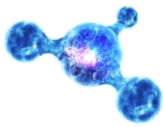
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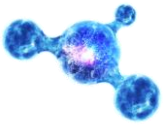
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ACTIVA Bezug

1. Fluoride ion release and recharge over time in three restoratives. Slowikowski L, et al. J Dent Res 93 (Spec Iss A): 268, 2014 (www.iadr.org).
2. Zmener O, Pameijer CH, Hernandez S. Resistance against bacterial leakage of four luting agents used for cementation of complete cast crowns. Am J Dent 2014;27(1):51-55.
3. Zmener O, Pameijer CHH, et al. Marginal bacterial leakage in class I cavities filled with a new resin-modified glass ionomer restorative material. 2013.
4. Flexural strength and fatigue of new Activa RMGIs. Garcia-Godoy F, et al. J Dent Res 93 (Spec Iss A): 254, 2014 (www.iadr.org).
5. Deflection at break of restorative materials. Chao W, et al. J Dent Res 94 (Spec Iss A) 2375, 2015 (iadr.org).
6. McCabe JF, et al. Smart Materials in Dentistry. Aust Dent J 2011;56 Suppl 1:3-10.
7. Cannon M, et al. Pilot study to measure fluoride ion penetration of hydrophilic sealant. AADR Annual Meeting 2010.
8. Water absorption properties of four resin-modified glass ionomer base/liner materials. (Pulpdent)
9. pH dependence on the phosphate release of Activa ionic materials. (Pulpdent)
10. Kane B, et al. Sealant adaptation and penetration into occlusal fissures. Am J Dent 2009;22(2):89-91.
11. Rusin RP, et al. Ion release from a new protective coating. AADR Annual Meeting 2011.
12. Sharma S, Kugel G, et al. Comparison of antimicrobial properties of sealants and amalgam. IADR Annual Meeting 2008.
13. Naorungroj S, et al. Antibacterial surface properties of fluoride-containing resin-based sealants J Dent 2010.
14. Prabhakar AR, et al. Comparative evaluation of the length of resin tags, viscosity and microleakage of pit and fissure sealants – an in vitro scanning electron microscope study. Contemp Clin Dent 2011;2(4):324-30.
15. Pameijer CH. Microleakage of four experimental resin modified glass ionomer restorative materials. April 2011.
16. Microleakage of dental bulk fill, conventional and self-adhesive composites. Cannavo M, et al. J Dent Res 93 (Spec Iss A): 847, 2014 (www.iadr.org).
17. Comparison of Mechanical Properties of Dental Restorative Material. Girn V, et al. J Dent Res 93 (Spec Iss A): 1163, 2014 (www.iadr.org).
18. Mechanical properties of four photo-polymerizable resin-modified base/liner materials. (Pulpdent)
19. Singla R, et al. Comparative evaluation of traditional and self-priming hydrophilic resin. J Conserv Dent 2012;15(3):233-6.
20. Water absorption and solubility of restorative materials. (Pulpdent)



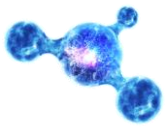
21. Increasing the Service Life of Dental Resin Composites. [www.nidcr.nih.gov.grants & funding.conceptclearances](http://www.nidcr.nih.gov.grants&funding.conceptclearances). May 2009.
22. Spencer P, et al. Adhesive dentin interface the weak link in the composite restoration. *Am Biomed Eng* 2010;38(6):1989-2003.
23. Murray PE, et al. Analysis of pulpal reactions to restorative procedures, materials, pulp capping, and future therapies. *Crit Rev Oral Biol Med* 2002;13:509.
24. DeRouen TA, et al. Neurobehavioral effects of dental amalgam in children a randomized clinical trial. *JAMA* 2006;295(15):1784-1792.
25. Nordbo H, et al. Saucer-shaped cavity preparations for posterior approximal resin composite restorations observations up to 10 years. *Quintessence Int* 1998;29(1):5-11.
26. Skartveit L, et al. In vivo fluoride uptake in enamel and dentin from fluoride-containing materials. *J Dent Child* 1990; 57(2):97-100.
27. Wear of a calcium, phosphate and fluoride releasing restorative material. Bansal R, et al. *J Dent Res* 94 (Spec Iss A): 3797, 2015 (iadr.org).
28. Wear resistance of new ACTIVA compared to other restorative materials. Garcia- Godoy F, Morrow BR. *J Dent Res* 94 (Spec Iss A): 3522, 2015 (iadr.org).
29. Pameijer CH, Garcia-Godoy F, Morrow BR, Jeffereis SR. Flexural strength and flexural fatigue properties of resin-modified glass ionomers. *J Clin Dent* 2015;26(1):23-27.
30. Pameijer CH, Zmerner O, Kokubu G, Grana D. Biocompatibility of four experimental formulations in subcutaneous connective tissue of rats. 2011.
31. Pameijer CH, Zmerner O. Histopathological evaluation of an RMGI ionic-cement [Pulpdent Activa], auto and light cured – A subhuman primate study. 2011.
32. ACTIVA BioActive-Restorative: 6-month clinical performance. *The Dental Advisor* 2015. www.dentaladvisor.com.
33. ACTIVA BioActive-Restorative: One-year clinical performance +++++. *The Dental Advisor* 2015. www.dentaladvisor.com.
34. Compressive strength and deflection at break of four cements. Daddona J, Pagni S, Kugel G. *J Dent Res* 95 (Spec Iss A) 0658, 2016 (iadr.org).
35. Surface deposition analysis of bioactive restorative material and cement. Chao W, Perry R, Kugel G. *J Dent Res* 95 (Spec Iss A) S1313, 2016 (www.iadr.org).
36. Comparison of compressive strength of liner materials. Epstein N, et al. *J Dent Res* 95 (Spec Iss A) S0653, 2016 (www.iadr.org).
37. Water absorption and solubility of four dental cements. Hall J, et al. *J Dent Res* 95 (Spec Iss A) S1126, 2016 (www.iadr.org).
38. Shear bond strength of several dental cements. Tran A, et al. *J Dent Res* 95 (Spec Iss A) S0579, 2016 (www.iadr.org).
39. Repetitive deflection strengths of adhesive cements. Samaha S, et al. *J Dent Res* 95 (Spec Iss A) S1076, 2016 (www.iadr.org).
40. Fluoride release of bioactive restoratives with bonding agents. Murali S, et al. *J Dent Res* 95 (Spec Iss A) S0368, 2016 (www.iadr.org).
41. Profilometry bioactive dental materials analysis and evaluation of dentin integration. Garcia-Godoy F, Morrow BR. *J Dent Res* 95 (Spec Iss A) 1828, 2016 (iadr.org).
42. Staining and whitening products induce color changes of multiple composites. Parks H, Morrow BR, Garcia-Godoy F. *J Dent Res* 95 (Spec Iss A) S1323, 2016 (www.iadr.org).
43. Profilometry based composite abrasion using different current dentifrices. Lindsay AA, Morrow BR, Garcia-Godoy F. *J Dent Res* 95 (Spec Iss A) S0318, 2016 (iadr.org).
44. Bansal R, Burgess JO, Lawson NC. Wear of an enhanced resin-modified glass-ionomer restorative material. *Am J Dent* 2016;29(3):171-174.
45. Evaluation of pH, fluoride and calcium release for dental materials. Morrow BR, Brown J, Stewart CW, Garcia-Godoy F. *J Dent Res* 96 (Spec Iss A) 1359, 2017 (iadr.org).
46. Adhesion of *s. mutans* biofilms on potentially antimicrobial dental composites. Mah J, Merritt J, Ferracane J. *J Dent Res* 96 (Spec Iss A) 2560, 2017 (iadr.org).
47. Microleakage under class II restorations restored with bulk-fill materials. Kulkarni P, et al. *J Dent Res* 96 (Spec Iss A) 2604, 2017 (iadr.org).
48. Fluoride release of dental restoratives when brushed with fluoridated toothpaste. Epstein N, Roomian T, Perry R. *J Dent Res* 96 (Spec Iss A) 1254, 2017 (iadr.org).
49. ACTIVA Bioactive-Restorative. Two-year clinical performance +++++. *The Dental Advisor* 2017, dentaladvisor.com.
50. May E, Donly KJ. Fluoride release and re-release from a bioactive restorative material. *Am J Dent* 2017;30(6):305-308.
51. Garoushi S, Vallittu PK, Lassila L. Characterization of fluoride releasing restorative dental materials. *Dent Mater J* 2018;37(2):293-300.
52. Reznik J, Kulkarni P, Shah S, Chang B, Burgess JO, Robles A, Lawson NC. Crown Retention Strength and Ion Release of Bioactive Cements. *J Dent Res* 97 (Spec Iss A) 656, 2018 (iadr.org).



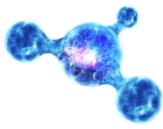
53. Boutsiouki C, Lücker S, Domann E, Krämer N. Is a bioactive composite able to inhibit secondary caries. Justus-Liebig-Universität Giessen, Vaterstetten. Germany 2017.
54. Alrahlah A. Diametral tensile strength, flexural strength, and surface microhardness of bioactive bulk fill restorative. *J Contemp Dent Practice* 2018;19(1):13-19.
55. Influence of novel bioactive materials on dentinal enzymatic activity. Comba A, Breschi L, et al. *J Dent Res* 97 (Spec Iss A) 0273, 2018 (iadr.org).
56. Dentifrices, surface roughness and depth loss of restorative materials. Smith JB, Lambert AN, Morrow BR, Pameijer CH, Garcia-Godoy F. *J Dent Res* 97 (Spec Iss A) 1621, 2018 (iadr.org).
57. Enamel demineralization adjacent to orthodontic brackets bonded with Active Bioactive Restorative. Saunders KG, Donley KJ, Mattevi G. of Texas Health Science Center, San Antonio 2017.
58. Bioactive materials, demineralization, and shear strength of orthodontic brackets. Donohue J, et al. *J Dent Res* 96 (Spec Iss A) 3289, 2017 (iadr.org).
59. Roulet J-F, et al. In vitro wear of two bioactive composites and a glass ionomer cement. *DZZ International* 2019;1(1):24-30.
60. Banon R, et al. Clinical evaluation of a new bioactive ionic resin material (ACTIVA™ BIOACTIVE) in primary molars – a split mouth randomized trial. Ghent University 2018.
61. Omidi BR, et al. Microleakage of an enhanced resin-modified glass ionomer restorative material in primary molars. *Researchgate* 2018;15(4)205-213.
62. Croll TP, Lawson NC. Activa Bioactive-Restorative material in children and teens: examples and 46-month observations. *Inside Dentistry* 2018.
63. Sauro S, et al. Effects of ions-releasing restorative materials on the dentine bonding longevity of modern universal adhesives after load-cycle and artificial saliva aging. *Materials* 2019;12:722.
64. Lloyd VJ, Hunter F, Comisi J. The bio-mineralization potential of various bioactive restorative materials, MUSC 2019.
65. Bhadrar, et al. A 1-year comparative evaluation of clinical performance of nanohybrid composite with Activa bioactive composite in Class II carious lesion: randomized control study. *JCD* 2019;22(1):92-96.
66. Maciak M. Novel applications of a bioactive resin in perforations, root resorption and endodontic-periodontic lesions. *Roots* 2018;14(4):32-36.
67. ElReash A, et al. Biocompatibility of new bioactive resin composite versus calcium silicate cements – an animal study. *BMC Oral Health* 2019;19:194-203.
68. Alkhudhairy F, et al. Adhesive bond integrity of dentin conditioned by photobiomodulation and bonded to bioactive restorative material. *Photodyagn Photodyn* 2019;28:110-113.
69. Lopez-Garcia S, et al. In vitro evaluation of the biological effects of ACTIVA Kids BioACTIVE Restorative, Ionolux, & Riva LC on human dental pulp stem cells. *Materials* 2019,12,3694;doi:10.3390/ma12223694.
70. Jun SK. The biomineralization of a bioactive glass-incorporated light-curable pulp capping material using human dental pulp stem cells. *Biomed Res Int* 2017;doi.org_10.1155_2017_2495282.
71. Abdulla HA, Majeed MA. Assessment of bioactive resin-modified glass ionomer restorative as a new CAD CAM material. Part I_marginal fitness study. *Indian J Foren Med Tox* 2020;14(1)865-870.
72. Abdulla HA, Majeed MA. Assessment of bioactive resin-modified glass ionomer restorative as a new CAD CAM material part II_fracture strength study. *J Res Med Sci* 2019;7(5)_74-79.
73. Sauro S. et al. Effects of ion-releasing restorative materials on dentine bonding longevity of modern universal adhesives after load-cycle and artificial saliva aging. *Materials* 2019;12(5)722.
74. Karabulut B, et al. Reactions of subcutaneous connective tissue to MTA, Biodentine, and a newly developed base-liner. *Wiley* 2020;doi.org_10.1155_2020_6570159.
75. Awad MM, et al. Influence of surface conditioning on the repair strength of bioactive restorative material. *J Appl Biomater Func* 2020;18.
76. Bishnoi N, et al. Evaluating marginal seal of a bioactive restorative material Activa Bioactive and two bulk fill composites in class II restorations-an in vitro study. *Int J Appl Sci* 2020;6(3)98-102.
77. Roulet J-F, et al. In vitro wear of dual-cured bulkfill composites and flowable bulkfill composites. *J Esthet Restor Dent*. 2020;1–9.
78. Pires PM, et al. Contemporary restorative ion-releasing materials_ current status, interfacial properties and operative approaches. *Brit Dent J* 2020;229(7)450-458.

weitere Literatur

- Abdulla HA, Majeed MA. Assessment of bioactive resin-modified glass ionomer restorative as a new CAD CAM material part II_fracture strength study. *J Res Med Sci* 2019;7(5)_74-79.
- Abdulla HA, Majeed MA. Assessment of bioactive resin-modified glass ionomer restorative as a new CAD CAM material. Part I_marginal fitness study. *Indian J Foren Med Tox* 2020;14(1)865-870.



- Alkhudhairy F, et al. Adhesive bond integrity of dentin conditioned by photobiomodulation and bonded to bioactive restorative material. *Photodyagn Photodyn* 2019;28_110-113.
- Armstrong SR, et al. Resin-dentin interfacial ultrastructure and microtensile dentin bond strength after five-year water storage. *Oper Dent* 2004;29(6):705-12.
- Awad MM, et al. Influence of surface conditioning on the repair strength of bioactive restorative material. *J Appl Biomater Func* 2020;18.
- Bertassoni LE, et al. Functional remineralization of dentin: induced mineral re-growth for biomechanical recovery. *AADR* 2009.
- Bishnoi N, et al. Evaluating marginal seal of a bioactive restorative material Activa Bioactive and two bulk fill composites in class II restorations-an in vitro study. *Int J Appl Sci* 2020;6(3)98-102.
- Cannon ML, Comisi JC. Bioactive and therapeutic preventive approach to dental pit and fissure sealants. *Compendium* 2013;34(8):642-645.
- Comisi CC. Bioactive materials support proactive dental care. *Cosmetic Dent* 2012;1:7-13
- Delaviz Y, Finer Y, Santerre JP. Biodegradation of resin composites and adhesives by oral bacteria and saliva: a rationale for new material designs that consider the clinical environment and treatment challenges. *Dent Mat* 2014;30(1):16-32.
- DeRouen TA, et al. Neurobehavioral effects of dental amalgam in children: a randomized clinical trial. *JAMA* 2006;295(15):1784-1792.
- ElReash A, et al. Biocompatibility of new bioactive resin composite versus calcium silicate cements – an animal study. *BMC Oral Health* 2019;19_194-203.
- Flaim GM, et al. Remineralization of dentin lesions from a whisker-reinforced, resin-based composite. *AARD* 2009.
- Giorgievska E, et al. Marginal adaptation and performance of bioactive dental restorative materials in deciduous and young permanent teeth. *J Appl Oral Sci* 2008;16(1):1-6.
- Goldstep F. Proactive intervention dentistry: a model for oral care through life. *Compend Contin Educ Dent* 2012;33(6):398-402.
- Jun SK. The biomineralization of a bioactive glass-incorporated light-curable pulp capping material using human dental pulp stem cells. *Biomed Res Int* 2017;doi.org_10.1155_2017_2495282.
- Karabulut B, et al. Reactions of subcutaneous connective tissue to MTA, Biodentine, and a newly developed base-liner. *Wiley* 2020;doi.org_10.1155_2020_6570159.
- Khoroushi M, Keshani F. A review of glass ionomers: from conventional glass-ionomer to bioactive glass-ionomer. *Dent Res J* 2013;10(4):411-420.
- Lopez-Garcia S, et al. In vitro evaluation of the biological effects of ACTIVA Kids BioACTIVE Restorative, Ionolux, & Riva LC on human dental pulp stem cells. *Materials* 2019,12,3694;10.3390_ma 12223694.
- Murray PE, et al. Analysis of pulpal reactions to restorative procedures, materials, pulp capping, and future therapies. *Crit Rev Oral Biol Med* 2002;13:509Niu L, Pashley DH, Tay FR, et al. Biomimetic remineralization of dentin. *Dent Mat* 2014;30(1):77-96.
- Nordbo H, et al. Saucer-shaped cavity preparations for posterior approximal resin composite restorations: observations up to 10 years. *Quintessence Int* 1998;29(1):5-11.
- Pameijer CH. Report on the retention of Embrace WetBond cement and a RMGI cement (Pulpdent). August 2012.
- Pashley DH, et al. State of the art etch-and-rinse adhesives. *Dent Mater* 2011;27(1):10.
- Peumans M, et al. Clinical effectiveness of contemporary adhesives: a systematic review of current clinical trials. *Dent Mat* 2005;21:864-881.
- Pires PM, et al. Contemporary restorative ion-releasing materials_ current status, interfacial properties and operative approaches. *Brit Dent J* 2020;229(7)450-458.
- Rouler J-F, et al. In vitro wear of dual-cured bulkfill composites and flowable bulkfill composites. *J Esthet Restor Dent*. 2020;1-9.
- Sauro S. et al. Effects of ion-releasing restorative materials on dentine bonding longevity of modern universal adhesives after load-cycle and artificial saliva aging. *Materials* 2019;12(5)722.
- Skartveit L, et al. In vivo fluoride uptake in enamel and dentin from fluoride-containing materials. *J Dent Child* 1990; 57(2):97-100.
- Spencer P, et al. Adhesive/dentin interface: the weak link in the composite restoration. *Am Biomed Eng* 2010;38(6):1989-2003.
- Spenser P, et al. Interfacial chemistry of moisture-aged class II composite restorations. *J Biomed Mater Res* 2006;77(2):234-240.
- Wang Z. Dentin remineralization induced by innovative calcium phosphate/silicate materials. *AADR* 2013.
- Watson TF, et al. Present and future glass ionomers and calcium-silicate cements as bioactive materials in dentistry; biophotonics-based interfacial analyses in health and disease. *Dent Mat* 2014;30(1):50-61.
- Yang B, et al. Remineralization of natural dentin caries with one experimental composite resin. *AADR* 2009.

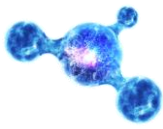


Bonding

- Pameijer CH. Shear bond strength of two DenTASTIC UNO formulas. May 2011.
- CRA Newsletter April 2003;27(4). 10-minute bond strengths of 34 adhesives to 8 buildup resins. DenTASTIC UNO-DUO.
- Hager C, et al. Histomorphology of the d/a interface at the cementum- and dentin-enamel junctions. J Dent Res 82 (Spec Iss A) 0592, 2003.
- Wang Y, Spencer P. Nondestructive measurement of the quality of the hybrid layer with one-bottle adhesive systems. J Dent Res 81 (Spec Iss A) 1896, 2002.
- Perdigão J, et al. Bond strengths of new simplified dentin-enamel adhesives. Am J Dent 1999;12(6):286-290.
- Garcia-Godoy F. Shear bond strengths data for DenTASTIC UNO. University of Texas Health Science Center at San Antonio, 1998.
- Garcia-Godoy F. Shear bond strength for different groups using DENTASTIC. University of Texas Health Science Center at San Antonio, 1995.
- CRA Newsletter November 1995;19(11). Bonding Amalgam Update. DenTASTIC.
- Van Der Vyver PJ, De Wet FA, Dearlove WR. Shear bond strength of three modern dentine bonding systems. Faculty of Dentistry, University of Pretoria, Pretoria. Abstract.
- The Dental Advisor Jan/Feb 1995;5(1). DenTASTIC +++++.
- CRA Newsletter February 1995;19(2). CRA's most highly rated products from Jan '94 through Jan '95. DenTASTIC.
- RealityNow July 1994, No. 57. DenTASTIC (New).
- Reality 1996;10. Ratings: DenTASTIC.
- Eichmiller F. Biocompatibility data for PMGDM. ADA Health Foundation, Facsimile Transmission. October 30, 1993.
- Venz S, Dickens B. Modified surface-active monomers for adhesive bonding to dentin. J Dent Res 1993;73(3):582-86.
- Bowen RL, Marjenhoff WA. Development of an adhesive bonding system. Operative Dent 1992;Sup 5:75-80.

Calcium-Hydroxid

- Flanagan D. Calcium hydroxide paste as a surface detoxifying agent for infected dental implants: two case reports. J Oral Implantology 2009;35(4):204-209.
- Athanassiadis B, et al. An in vitro study of the antimicrobial activity of some endodontic medicaments and their bases using an agar well diffusion assay. Australian Dent J 2009;54:141-146.
- Berk H. Save That Tooth. Watertown, MA: Pulpdent Corporation, 2005.
- Coelho Gomes I, et al. Diffusion of calcium through dentin. J Endo 1996;22(11):590-595.
- Rosen PS, Marks MH, Lepine EJ. Comprehensive treatment for a subcrestal fracture incisor in the mixed dentition. Comp Cont Educ Dent 1990;12(6):382-387.
- Kirk EEJ, et al. A Comparison of dentinogenesis on pulp capping with calcium hydroxide in paste and cement form. Oral Surg Oral Med Oral Pathol 1989;68(2):210-219.
- Baratieri LN, et al. Pulp curettage – surgical technique. Quintessence Int 1989;20:285-293.
- Staehle HJ, Pioch T. Die alkalisierende Wirkung kalziumhydroxidhaltiger handelspräparate. Schweiz Monatsschr Zahnmed 1988;98(10):1072-1077.
- Hasselgren G, Olssen B, Cvek M. Effects of calcium hydroxide on the dissolution of necrotic porcine muscle tissue. J Endo 1988;14(3):125-127.
- Weine FS, Wenckus CS. Endodontic treatment of unusual root conditions, part 2. CDS Review 1987;July:28-34.
- Safavi KE, et al. A comparison of antimicrobial effects of calcium hydroxide and iodine-potassium iodide. J Endo 1985;11(10):454-456.
- Byström A, Claesson R, Sundqvist G. The antibacterial effect of camphorated paramonochlorophenol, camphorated phenol and calcium hydroxide in the treatment of infected root canals. Endod Dent Traumatol 1985;1:170-175.
- Girard C, Holz J. Contrôles à court et à long termes du traitement de la catégorie IV des pulpopathies à l'aide d'hydroxyde de calcium. Rev mens suisse Odon 1985;95:169.
- Liard-Dumpschin D, Holz J, Baum LJ. Le coiffage pulpaire direct – essai biologique sur 8 produits. Rev mens suisse Odon 1984;94(4):3-21.
- Serota KS, Krakow AA. Retrograde instrumentation and obturation of the root canal space. J Evdo 1983;9(10):448-451.
- Melman ES. Clinical article: management of a totally fused central and lateral incisor with internal resorption perforating the lateral aspect of the root. Oral Health 1979;69(7):30-33.
- Heithersay GS. Calcium hydroxide in the treatment of pulpless teeth with associated pathology. J Brit Endo 1975;8(2):74-93.



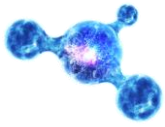
- Eichmiller F. Biocompatibility data for PMGDM. ADA Health Foundation, Facsimile Transmission. October 30, 1993.
- Berk H, Krakow AA, Stanley HR. Clinical situations in which amputation is preferred to pulp capping because of biologic considerations. JADA 1975;90:801-805.
- Berk H, Krakow AA. A comparison of the management of pulpal pathosis in deciduous and permanent teeth. Oral Surg Oral Med Oral Path 1972;34(6):944-955.
- Phaneuf RA, Frankl SN, Ruben MP. A comparative histological evaluation of three calcium hydroxide preparations on the human primary dental pulp. J Dent Child 1968;35:61-76.
- Berk H, Krakow AA. Efficient vital pulp therapy. Dent Clin North Am July 1965;373-385.
- Berk H. Maintaining vitality of injured permanent anterior teeth. JADA 1954;49:391.
- Berk H. the effect of calcium hydroxide-methyl cellulose paste on the dental pulp. ASDC J Dent Child 1950;17(4):65-68.

Zemente

- Blaes J. Kleer-Veneer Cement from Pulpdent. Dental Economics 2009;99(7):56.
- RTD Bonding Report – DenTASTIC and Embrace. Grenoble, France. 2008.
- Freedman G. Adhesive cementation: one step and predictable. Oral Health April 2006:44-48.
- Hoffman ID. Advanced resin technology: Embrace WetBond. Spectrum 2005;4(1):68-76.
- Freedman G. Simplified adhesive cementation: what, where and how. Dentistry Today 2005;24(3):80-86.
- Embrace WetBond Resin Cement Retention Values. 2005. Pulpdent Corporation.
- CRA Newsletter August 2004;28(8). Embrace Universal Resin Cement.
- CRA Newsletter October 2004;28(10). Embrace Universal Resin Cement.
- Reality 2004 Vol 18. First Look Embrace WetBond Universal Resin Cement.
- Reality web site. First Look Resin Cements; RelyX Unicem, Maxcem, Embrace Wetbond

Embrace WetBond

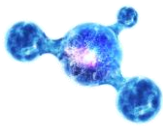
- Cannon ML, Comisi JC. Bioactive and therapeutic approach to dental pit and fissure sealants. Comp Cont Educ Dent 2013;34(8):642-645.
- Prabhakar AR, Murthy SA, Sugandhan S. Comparison evaluation of the length of resin tags, viscosity and microleakage of pit and fissure sealants – an in vitro scanning electron microscope study. Contemporary Clinical Dentistry 2011;2(4):324-330.
- Cannon M, et al. Pilot study to measure fluoride ion penetration of hydrophilic sealant. J Dent Res 89 (Spec Iss A) 1345, 2010.
- Naorungroj S, Wei HH, Arnold RR, Swift Jr EJ, Walter R. Antibacterial surface properties of fluoride-containing resin-based sealants. J Dent 2010.
- Kane B, Karren J, Garcia-Godoy C, Garcia-Godoy F. Sealant adaptation and penetration into occlusal fissures. Am J Dent 2009;22(2):89-91.
- Hoffman I. A moisture tolerant, resin-based pit and fissure sealant. Dental Tribune 2009;4(37):17A.
- O'Donnell JP. A moisture-tolerant resin-based pit and fissure sealant: research results. Inside Dentistry 2008;4(7):50-52.
- Strassler HE, O'Donnell JP. A unique moisture-tolerant, resin-based pit and fissure sealant: clinical technique and research results. Inside Dentistry 2008;4(9):108-110.
- RTD Bonding Report – DenTASTIC and Embrace. Grenoble, France. 2008.
- Kavaloglu Cildir S, Sandalli N. Compressive strength, surface roughness, fluoride release and recharge of four new fluoride-releasing fissure sealants. Dent Mat J 2007;26(3):335-341.
- Freedman G. Adhesive cementation: one step and predictable. Oral Health April 2006:44-48.
- O'Donnell JP. A moist environment for sealants. RDH July 2006;58-60.
- Glazer HS. Difficult repairs made easy with a restoration & PFM repair kit. Contemporary Esthetics September 2006:58-60.
- CRA Newsletter April 2005;29(4). Embrace WetBond Restoration & PFM Repair Kit.
- Hoffman ID. Advanced resin technology: Embrace WetBond. Spectrum 2005;4(1):68-76.
- Sharma S, Kugel G. A new material for polishing and sealing composite-based materials. Contemporary Esthetics 2005;9(4):66-67.
- Freedman G. Simplified adhesive cementation: what, where and how. Dentistry Today 2005;24(3):80-86.
- Clark L. New technique in sealants. J Practical Hygiene 2005;14(9):29-31.
- Reality 2004 Vol 18. First Look Embrace WetBond Universal Resin Cement.



- Glazer HS. Repair of an upper right cuspid using the Embrace WetBond Restoration & PFM Repair Kit. Dental Products Report September 2004;62.
- Embrace WetBond Resin Cement Retention Values. 2005. Pulpdent Corporation.
- The Dental Advisor October 2004;21(8). Embrace Seal-n-Shine ++++1/2.
- In Vitro Study on Toothpaste/Toothbrush Abrasion Resistance of a New Dental Material: Seal-n-Shine. 2004. Pulpdent Corporation.
- CRA Newsletter Buying Guide – Outstanding Products 2003: Embrace WetBond Pit & Fissure Sealant. January 2004;28(1):5.
- CRA Newsletter August 2004;28(8). Embrace Universal Resin Cement.
- CRA Newsletter October 2004;28(10). Embrace Universal Resin Cement.
- Reality 2004 Vol 18. First Look Embrace WetBond Seal-n-Shine.
- Reality 2004 Vol 18. First Look Embrace WetBond Universal Resin Cement.
- Reality 2004 Vol 18. First Look Embrace Restoration and PFM Repair Kit.
- Reality web site. First Look Resin Cements; RelyX Unicem, Maxcem, Embrace Wetbond
- The Dental Advisor. Embrace WetBond Pit and Fissure Sealant ++++1/2. October 2004;21(8).
- Trushkowski RD. Placing sealants and restoring small lesions in a slightly moist field. Contemporary Esthetics and Restorative Practice, July 2004.
- Microleakage of Surface Sealants in Class V Restorations After Thermal Cycling. 2003. Pulpdent Corporation.
- Degrange M. Penetration depth and marginal leakage of Embrace WetBond Pit and Fissure Sealant. 2001.

Endodontie

- Berk H, Pameijer CH. Endodontic usage and extrusion evaluation of a zinc oxide and eugenol based endodontic sealer. Endod Pract 2011;14(1):7-12.
- Athanassiadis B, et al. An in vitro study of the antimicrobial activity of some endodontic medicaments and their bases using an agar well diffusion assay. Australian Dent J 2009;54:141-146.
- Pameijer CH. SEM evaluation of a 17% EDTA material on dentin. 2007.
- Coelho Gomes I, et al. Diffusion of calcium through dentin. J Endo 1996;22(11):590-595.
- Berk H. Save That Tooth; Boston 2005.
- Krakow AA, Berk H, Gron P. Pulpal management in the child and adolescent. In Clark's Clinical Dentistry 1994. JF Hardin, editor. J.B. Lippincott Company, Philadelphia.
- Rosen PS, Marks MH, Lepine EJ. Comprehensive treatment for a subcrestal fracture incisor in the mixed dentition. Comp Cont Educ Dent 1990;12(6):382-387.
- Hasselgren G, Olssen B, Cvek M. Effects of calcium hydroxide on the dissolution of necrotic porcine muscle tissue. J Endo 1988;14(3):125-127.
- Hasselgren G, Olssen B, Cvek M. Effects of calcium hydroxide on the dissolution of necrotic porcine muscle tissue. J Endo 1988;14(3):125-127.
- Weine FS, Wenckus CS. Endodontic treatment of unusual root conditions, part 2. CDS Review 1987;July:28-34.
- Safavi KE, et al. A comparison of antimicrobial effects of calcium hydroxide and iodine-potassium iodide. J Endo 1985;11(10):454-456.
- Byström A, Claesson R, Sundqvist G. The antibacterial effect of camphorated paramonochlorophenol, camphorated phenol and calcium hydroxide in the treatment of infected root canals. Endod Dent Traumatol 1985;1:170-175.
- Serota KS, Krakow AA. Retrograde instrumentation and obturation of the root canal space. J Endo 1983;9(10):448-451.
- *Accepted Dental Therapeutics*. 39th Chicago, Council on Dental Therapeutics of the American Dental Association; 1982:303-304.
- Mehlman ES. Management of a totally fused central and lateral incisor with internal resorption perforating the lateral aspect of the root. J Endo 1978;4(6):189-191.
- Heithersay GS. Calcium hydroxide in the treatment of pulpless teeth with associated pathology. J Brit Endo 1975;8(2):74-93.
- Berk H, Krakow AA. The Endodontic Pressure Syringe. CDS Review 1975;68(9):20-23.
- Berk H, Krakow AA. Endodontic treatment in primary teeth. In: Goldman HM, Gilmore HW, Irby WB, Olsen NH, Current Therapy In Dentistry. St. Louis: CV Mosby, 1974; chapter 72:500-522
- Grossman LI. Endodontic Practice, 7th Lea & Fibiger; Philadelphia 1970.
- Krakow AA, Berk H. Efficient endodontic procedures with use of the pressure syringe. Dent Clin N A 1965;9:387-399.
- McElroy DL, Wach EC. Endodontic treatment with zinc oxide – Canada balsam filling material. JADA 1958;56:801-806.
- McElroy DL. Physical properties of root canal filling materials. JADA 1955;50:433.



Ätzen

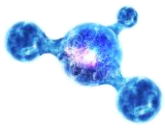
- Panahandeh N, et al. In vitro comparison of the effects of two different acid etchants on the microleakage of composite restorations. Beheshti Univ Dent J 2014;31(4):199-205.
- Shahabi S, et al. Morphological changes of human dentin after erbium-doped yttrium aluminum garnet (Er:Yag) and carbon dioxide (CO₂) laser irradiation and acid-etch technique: a scanning electron microscopid *SEM) evaluation. J Lasers Med Sci 2013;4(1):48-52.
- Focus on sealants. Dimensions of Dental Hygiene February 2013.
- Pameijer CH. Shear bond strength of two DenTASTIC UNO formulas. 2011.
- Bond strength of self-etch adhesives to enamel with additional etching. Alsati N, et al. J Dent Res 88 (Spec Iss A) 3160, 2009.
- Başaran et al. Comparison of a recently developed nanofiller self-etching primer adhesive with other self-etching primers and conventional acid-etching. Eur J Ortho 2009;31(3):271-5.
- Pameijer CH. SEM evaluation of Etch-Rite on enamel. 2007.
- Reality 2004;18. Ratings: Porcelain Etch Gel +++++.
- Reality 1990;5(1). Pulpdent Porcelain Etch Gel

Allgemeine Zahnheilkunde

- Reyto R. A procedure for isolation with Kool-Dam. Spectrum August-September 2005.
- Berk H. Save That Tooth. Watertown, MA: Pulpdent Corporation, 2005.
- Glazer H. Dam that's kool....CERP January 2004
- Reality 2004;18. Ratings: Pulpdent SNOOP +++++.
- Reality 1996. Ratings: Pic-n-Stic +++++.

Gruben- und Fissurenversiegelung

- Cannon ML, Comisi JC. Bioactive and therapeutic approach to dental pit and fissure sealants. Comp Cont Educ Dent 2013;34(8):642-645.
- Prabhakar AR, Murthy SA, Sugandhan S. Comparison evaluation of the length of resin tags, viscosity and microleakage of pit and fissure sealants – an in vitro scanning electron microscope study. Contemporary Clinical Dentistry 2011;2(4):324-330.
- Cannon M, et al. Pilot study to measure fluoride ion penetration of hydrophilic sealant. J Dent Res 89 (Spec Iss A) 1345, 2010.
- Naorungroj S, Wei HH, Arnold RR, Swift Jr EJ, Walter R. Antibacterial surface properties of fluoride-containing resin-based sealants. J Dent 2010.
- Hoffman I. A moisture tolerant, resin-based pit and fissure sealant. Dental Tribune 2009;4(37):17A.
- Kane B, Karren J, Garcia-Godoy C, Garcia-Godoy F. Sealant adaptation and penetration into occlusal fissures. Am J Dent 2009;22(2):89-91.
- Walter R, Swift EJ, et al. Antibacterial potential of dental sealants against cariogenic oral bacteria. UNC School of Dentistry 2009.
- Strassler HE, O'Donnell JP. A unique moisture-tolerant, resin-based pit and fissure sealant: clinical technique and research results. Inside Dentistry 2008;4(9):108-110.
- O'Donnell JP. A moisture-tolerant resin-based pit and fissure sealant: research results. Inside Dentistry 2008;4(7):50-52.
- Kavaloglu Cildir S, Sandalli N. Compressive strength, surface roughness, fluoride release and recharge of four new fluoride-releasing fissure sealants. Dent Mat J 2007;26(3):335-341.
- O'Donnell JP. A moist environment for sealants. RDH July 2006;58-60.
- Hoffman ID. Advanced resin technology: Embrace WetBond. Spectrum 2005;4(1):68-76.
- Clark L. New technique in sealants. Journal of Practical Hygiene, Nov-Dec 2005;14(9):29-31.
- New technique in sealants. Journal of Practical Hygiene, Nov-Dec 2005;14(9):29-31.
- The Dental Advisor October 2004;21(8). Embrace WetBond Pit and Fissure Sealant +++++1/2.
- CRA Newsletter. Buying Guide – Outstanding Products 2003: Embrace WetBond Pit & Fissure Sealant.
- January 2004;28(1):5. Degrange M. Penetration depth and marginal leakage of Embrace WetBond Pit and Fissure Sealant. 2001.
- Nathanson D, et al. In vitro elution of leachable components from dental sealants. JADA 1999;128:1517-1523.
- Reality 1996. Ratings: Seal-Rite/Seal-Rite Low Viscosity +++++.



Prävention

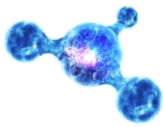
- Comisi J. Oral disease: the battle for balance. *Inside Dentistry* 2013;9(4).
- Cannon ML, Comisi JC. Bioactive and therapeutic approach to dental pit and fissure sealants. *Comp Cont Educ Dent* 2013;34(8):642-645.
- Yapp R, Powers JM. Fluoride ion release from several fluoride varnishes. *Dent Advis Res Rpt* 45:1, March 2012.
- Prabhakar AR, Murthy SA, Sugandhan S. Comparison evaluation of the length of resin tags, viscosity and microleakage of pit and fissure sealants – an in vitro scanning electron microscope study. *Contemporary Clinical Dentistry* 2011;2(4):324-330.
- Cannon M, et al. Pilot study to measure fluoride ion penetration of hydrophilic sealant. *J Dent Res* 89 (Spec Iss A) 1345, 2010.
- Naorungroj S, Wei HH, Arnold RR, Swift Jr EJ, Walter R. Antibacterial surface properties of fluoride-containing resin-based sealants. *J Dent* 2010.
- Hoffman I. A moisture tolerant, resin-based pit and fissure sealant. *Dental Tribune* 2009;4(37):17A.
- Kane B, Karren J, Garcia-Godoy C, Garcia-Godoy F. Sealant adaptation and penetration into occlusal fissures. *Am J Dent* 2009;22(2):89-91.
- Walter R, Swift EJ, et al. Antibacterial potential of dental sealants against cariogenic oral bacteria. *UNC School of Dentistry* 2009.
- Strassler HE, O'Donnell JP. A unique moisture-tolerant, resin-based pit and fissure sealant: clinical technique and research results. *Inside Dentistry* 2008;4(9):108-110.
- O'Donnell JP. A moisture-tolerant resin-based pit and fissure sealant: research results. *Inside Dentistry* 2008;4(7):50-52.
- Kavaloglu Cildir S, Sandalli N. Compressive strength, surface roughness, fluoride release and recharge of four new fluoride-releasing fissure sealants. *Dent Mat J* 2007;26(3):335-341.
- O'Donnell JP. A moist environment for sealants. *RDH* July 2006;58-60.
- Hoffman ID. Advanced resin technology: Embrace WetBond. *Spectrum* 2005;4(1):68-76.
- Clark L. New technique in sealants. *Journal of Practical Hygiene*, Nov-Dec 2005;14(9):29-31.
- New technique in sealants. *Journal of Practical Hygiene*, Nov-Dec 2005;14(9):29-31.
- The Dental Advisor October 2004;21(8). Embrace WetBond Pit and Fissure Sealant ++++1/2.
- CRA Newsletter. Buying Guide – Outstanding Products 2003: Embrace WetBond Pit & Fissure Sealant.
- January 2004;28(1):5. DeGrange M. Penetration depth and marginal leakage of Embrace WetBond Pit and Fissure Sealant. 2001.
- Nathanson D, et al. In vitro elution of leachable components from dental sealants. *JADA* 1999;128:1517-1523.
- Reality 1996. Ratings: Seal-Rite/Seal-Rite Low Viscosity ++++.

Provisorische Materialien

- Lowe RA. Esthetic tooth repositioning: a viable treatment option for select cases. *Chairsides* 2013;8(1).
- Glazer HS, Lowe R, Strassler HE. Rubberized-urethane composite for provisional restorations *Inside Dentistry* June 2012:78-82.
- A new impact-resistant, tight-fitting, rubberized-urethane chemistry is available for provisional restorations. *Inside Dental Assisting*, March/April 2011.
- Freedman G. Enhanced implant provisionals are tough, resilient, impact resistant. *Dental Chronicle*, September 2011:10-19.
- Fracture resistant tight fitting temporaries with Pulpdent's rubberized-urethane chemistry. *Australasian Dentist* 2010;35:8-9.
- Deflection at break of a rubberized-urethane provisional material. 2009. (Pulpdent)

Restaurationsmaterialien

- Pameijer CH, Garcia-Godoy F, Morrow BR, Jeffereis SR. Flexural strength and flexural fatigue properties of resin-modified glass ionomers. *J Clin Dent* 2015;26(1):23-27.
- Croll TP, Berg JH, Donly KJ. Dental repair material: A resin-modified glass-ionomer bioactive ionic resin-based composite. *Comp Cont Educ Dent* 2015;36(1):60-65.
- Wear resistance of new ACTIVA compared to other restorative materials. Garcia- Godoy F, Morrow BR. *J Dent Res* 94 (Spec Iss A) 3522, 2015 (iadr.org).



- Deflection at break of restorative materials. Chao W, et al. J Dent Res 94 (Spec Iss A) 2375, 2015 (iadr.org).
- Wear of a calcium, phosphate and fluoride releasing restorative material. Bansal R, et al. J Dent Res 94 (Spec Iss A) 3797, 2015 (iadr.org).
- Fluoride ion release and recharge over time in three restoratives. Slowokowski L, et al. J Dent Res 93 (Spec Iss A) 268, 2014 (iadr.org).
- Zmener O, Pameijer CH, Hernandez S. Resistance against bacterial leakage of four luting agents used for cementation of complete cast crowns. Am J Dent 2014;27(1):51-55.
- Microleakage of dental bulk fill, conventional and self-adhesive composites. Cannavo M, et al. J Dent Res 93 (Spec Iss A) 847, 2014 (iadr.org).
- Comparison of Mechanical Properties of Dental Restorative Material. Girn V, et al. J Dent Res 93 (Spec Iss A) 1163, 2014 (iadr.org).
- Flexural strength and fatigue of new Activa RMGIs. Garcia-Godoy F, et al. J Dent Res 93 (Spec Iss A) 254, 2014 (iadr.org).
- Zmener O, Pameijer CHH, et al. Marginal bacterial leakage in class I cavities filled with a new resin-modified glass ionomer restorative material. 2013.
- Lowe RA. Esthetic tooth repositioning: a viable treatment option for select cases. Chairside 2013'8(1).
- Water absorption and solubility of restorative materials. (Pulpdent)
- Water absorption properties of four resin-modified glass ionomer base/liner materials. (Pulpdent)
- pH dependence on the phosphate release of Activa ionic materials. (Pulpdent)
- Glazer HS, Lowe R, Strassler HE. Rubberized-urethane composite for provisional restorations Inside Dentistry June 2012:78-82.
- McCabe JF, et al. Smart Materials in Dentistry. Aust Dent J 2011;56 Suppl 1:3-10.
- Rusin RP, et al. Ion release from a new protective coating. J Dent Res 88 (Spec Iss A) 3200, 2009 (www.iadr.org).
- Pameijer CH. Microleakage of four experimental resin modified glass ionomer restorative materials. April 2011.
- A new impact-resistant, tight-fitting, rubberized-urethane chemistry is available for provisional restorations. Inside Dental Assisting, March/April 2011.
- January 2004;28(1):5. Degrange M. Penetration depth and marginal leakage of Embrace WetBond Pit and Fissure Sealant. 2001.
- Freedman G. Enhanced implant provisionals are tough, resilient, impact resistant. Dental Chronicle, September 2011:10-19.
- Fracture resistant tight fitting temporaries with Pulpdent's rubberized-urethane chemistry. Australasian Dentist 2010;35:8-9.
- Glazer HS. Speedy success with Spee-Dee Build-Up. Inside Dentistry May 2009;86.Reality 2004;18. Ratings: Pulpdent SNOOP ++++.
- Deflection at break of a rubberized-urethane provisional material. 2009. (Pulpdent)
- Berk H. Save That Tooth. Watertown, MA: Pulpdent Corporation, 2005.
- CRA Newsletter March 2000;24(3). Lime-Lite
- Reality 1995;9. Ratings: Core Materials. Hardcore ++++.

Diese Übersicht wurde nach bestem Wissen und Gewissen zusammengestellt.
Ein Anspruch auf Vollständigkeit besteht nicht.