

References

As of July 23rd, 2013



GC Fuji BOND LC
Light cured glass
i o n o m e r
Bonding agent



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GC Fuji BOND LC

Light cured glass ionomer bonding agent

1. The effect of GC Fuji BOND LC Conditioner on prepared enamel and dentine : An ultra-morphological field emission SEM study. B. Van Meerbeek, J. Perdigao, P. Lambrechts, G. Vanherle. University of Leuven, Belgium, file at GC EUROPE N.V.
2. An in vivo ultra morphological Field Emission SEM study of the resin-dentine interface associated with the GC Fuji BOND LC adhesive system. J. Perdigao, B. Van Meerbeek, P. Lambrechts, G. Vanherle. University of Leuven, Belgium, file at GC EUROPE N.V.
3. An ultra-morphological TEM study of the interface between dentine and GC Fuji BOND LC. B. Van Meerbeek, Y. Yoshida, P. Lambrechts, G. Vanherle. University of Leuven, Belgium, file at GC EUROPE N.V.
4. Tensile bond strength and interfacial ultrastructure of a new resin bonding system based on a glass polyalkenoate cement. T. Yamada, N. Kanemura, S. Inokoshi, J. Tagami. Medical & Dental University, Tokyo, Japan, IADR 1996, Abstract 1920
5. Failure Mechanism of a New Modified Glass-ionomer Bonding System. S.K. Sidhu, T.F. Watson. Journal of Dental Research 1997: 76 (5): Irish division, Abstract 22
6. Marginal behaviour of composite restorations placed with GC Fuji BOND LC in vitro after thermocycling. U. Blunck, J.F. Roulet. Universitätsklinikum Charité, Berlin, file at GC EUROPE N.V.
7. The effect of composite surface sealant on microleakage of new dentin Bonding Systems. J.R. Dunn, A.H.L. Tjan, P.Liu. IADR 1996, Abstract 2968
8. Comparison of marginal sealing ability of new generation bonding systems. A. Yap, K.S. Ho and K.M. Wong. IADR 1997, Abstract 411
9. Bond strength of Resin modified Ionomers to Dentin. M.A. Latta, T.Q. Talbot. IADR 1997, Abstract 2402
10. Bond strength of glass ionomer liners to composite and dentin. O. Efstratopoulou, P. Yaman, J.B. Dennison & E. Koukopoulos. IADR 1997, Abstract 2406
11. Enamel and dentine shear bond strength of two resin modified glass ionomers and two resin based adhesives. V.V. Gordan, D. Boyer and K-J. Söderholm. The Journal of Dentistry 26 (1998) 497-503
12. Comparison of marginal sealing ability of new generation bonding systems. A.U.J. Yap, K.S. Ho and K.M. Wong. The Journal of Oral Rehabilitation 1998 25; 666-671
13. Clinical Evaluation of a Resin-Modified Glass-Ionomer Adhesive System, M.F. Burrow and M.J. Tyas, Operative Dentistry, 1998, 23, 290-293
14. Report in the CRA Newsletter, Volume 20, Issue 10, October 1996
15. Different Liner Treatments: Post-operative Sensitivity of Amalgam Restorations. V.V. Gordan and I.A. Mjör. IADR 1999, Abstract 990



16. Effect of Cavity Depth on Post-operative Sensitivity of Amalgam Restorations. V.V. Gordan, J.E. Moorhead and I.A. Mjör. IADR 1999, Abstract 993
17. Clinical Evaluation of a Glass Ionomer-based Dentine Adhesive – 2 years results. M.F. Burrow and M.J. Tyas. IADR 1999, Abstract 2102
18. Regional Differences in Micro-Tensile Bond Strength of New Dental Adhesives. S. Inoue, H. Sano, Y. Yoshida and B. Van Meerbeek. IADR 1999, Abstract 2108
19. Bond Strengths of Resin-Modified Glass Ionomers to Caries-Affected Dentin. P.N.R. Pereira, S. Yamaguchi, N. Nakajima and J. Tagami. IADR 1999, Abstract 2722
20. Amalgam Restorations: Postoperative Sensitivity as a Function of Liner Treatment and Cavity Depth. V.V. Gordan, I.A. Mjör and J.E. Moorhead. Operative Dentistry, 1999, 24, 377-383
21. Fluoride Release from Restorative Materials and Its Effects on Dentin Demineralization. C. Francci, T.G. Deaton, R.R. Arnold, E.J. Swift Jr., J. Perdigao and J.W. Bawden. J Dent Res 78(10): 1647-1654, October, 1999
22. Three Dimensional Microscopic Investigation of Resin/Cavity wall Integrity. F. Özer, A. Sengün, S. Belli, S. Ünlü and F. Alkaya. 78th General Session of the IADR 2000, Abstract 1539
23. Resin Adhesion to caries-infected Dentin, M. Yoshiyama, T. Kimochi, A. Urayama, T. Matsuo and D.H. Pashley. 78th General Session of the IADR 2000, Abstract 2930
24. Investigation of Microlleakage in Restorations with Resin and Resin Modified Glass-Ionomer Adhesives. J.S. Hayden, A.L. Neme and F.E. Pink. 78th General Session of the IADR 2000, Abstract 3115
25. Co-cure and Resin Bonding Effects on Composite Resin Polymerisation Shrinkage. G.M. Knight. 78th General Session of the IADR 2000, Abstract 3638
26. Penetration of radiocalcium at the margins of resin and glass ionomer dentine bonding agents in primary and permanent teeth. Ö. Tulunoglu, I. Tulunoglu, T. Ulusu and Y. Genç. Journal of Dentistry 28 (2000) 481-486
27. Microlleakage of Light-Cured Resin and Resin-Modified Glass-Ionomer Dentin Bonding Agents Applied with Co-Cure Vs Pre-Cure Technique. Ö. Tulunoglu, M. Üçtaş, A. Alaçam and H. Ömürlü. Operative Dentistry, 2000, 25, 292-298
28. Report in CRA Newsletter, Volume 24, Issue 11, November 2000
29. Effect of conditioning times on resin-modified glass-ionomer bonding. V.V. Gordan. American Journal of Dentistry, Vol. 13, No.1, February, 2000
30. Effect of conditioner on the micro-tensile bond strength of a glass-ionomer adhesive. S. Inoue, B. Van Meerbeek, Y. Abe, P. Lambrechts, G. Venherle, H. Sano. 4th Joint Meeting EADR Warsaw 2000, Abstract 012
31. The marginal seal of Fuji Bond LC in Class II cavities under acid conditions. B. Siew, P. Koutsikas and J.A. Kaidonis. IADR 2000 Abstracts – Australian division, Abstract C-16
32. Effect of bonding agents as amalgam liners on artificial caries. M. Hernandez, G. Denehy, J. Wefel, M.A. Vargas, G. Ibarra. 30th Annual Meeting of the AADR 2001 – Chicago, Abstract 567



33. Long-term bonds of resin-modified glass ionomers to caries-affected dentin. P.N.R. Pereira, S.Yamaguchi, M.Nakajima, J.Tagami, E.J.Swift Jr. 30th Annual Meeting of the AADR – Chicago, Abstract 1184
34. Microleakage of Class V composite restorations with various bonding agents. B.B.Maxson, T.L.Cutler, N.Kashani, A.L.Neme and F.E.Pink. 30th Annual Meeting of the AADR – Chicago, Abstract 1283
35. Microtensile bond strength of two different adhesive systems to dentin (an in vivo and in vitro study). S.Belli, N.Ünlü, F.Özer, P.N.R.Pereira, F.Tay, D.H.Pashley. 79th General Session of the IADR, Chiba 2001, Abstract 0496
36. Long-term durability of two adhesive systems in vivo. A.Takahashi, C.Kawamoto, S.Inoue, R.Ominato, Y.Sato, T.Tanaka, S.Uno and H. Sano. 79th General Session of the IADR, Chiba 2001, Abstract 1442
37. Interfacial characterization of resin-modified glass-ionomers bonded to dentin. B. Van Meerbeek, Y.Yoshida, S.Inoue, R.Fukuda, M.Okazaki, P.Lambrechts, G.Vanherle. 79th General Session of the IADR, Chiba 2001, Abstract 1701
38. Bonding Strength to Two Different Surfaces of Dentin Under Simulated Pulpal Pressure. S. Belli, N. Ünlü, F. Özer. The Journal of Adhesive Dentistry, Vol.3, No.2, 2001
39. Effect of storage conditions on biodurability of resin-dentin bond. K. Aziz, S. Armstrong, J. Laffoon, F. Qian and M.A. Vargas. IADR 2002 San Diego, Abstract 3362
40. In-Vitro Microleakage in Class II Resin Composite Restorations. A.L. Neme, M.N. Aksu, F.E. Pink, J.T. Vettraino and J.B. Linger. IADR 2002 San Diego, Abstract 3390
41. Microleakage of Composite Restorations with Co-cured Bonding Agent. B.B.Maxson, N.Kashani, A.L. Neme, F.E.Pink, S.M.Sinasac and D. Stulic. IADR 2002 San Diego, Abstract 3392
42. The morphology and stability of resin-modified glass-ionomer adhesive at the dentin/resin-based composite interface. S.K.Sidhu, P.Pilecki, Ping-Chin Cheng, T.F. Watson. American Journal of Dentistry, Vol.15, No.2, April 2002
43. Clinical evaluation of a resin-modified glass ionomer adhesive system: results at five years. MJ Tyas, MF Burrow. Operative Dentistry, 2002, 27, 438-441
44. Adhesives and cements to promote preservation dentistry. B. Van Meerbeek, M. Peumans, P. Lambrechts, G. Vanherle, M. Vargas, S. Inoue, Y. Yoshida. Operative Dentistry Supplement 6, 2001, 119-144.
45. Glass ionomers. E.J. Swift Jr. Journal of esthetic and restorative dentistry, Volume 14, Number 6, 2002
46. In vivo long-term durability of the bond to dentin using two adhesive systems. A. Takahashi, S. Inoue, C. Kawamoto, R. Ominato, T. Tanaka, Y. Sato, H. Sano, P.N.R. Pereira. Journal of Adhesive Dentistry 2002, 4: 151-159.
47. Clinical performance of a RMGI adhesive system – 24 month results. H. Ngo, M. Fraser, V. Burgess and R. Smales. 79th General Session & Exhibition of the IADR, Chiba 2001, Abstract 1460
48. Micro-tensile bond strength of glass-ionomer adhesive to dentin after 4-year water storage. B. Van Meerbeek, J. De Munck, Y. Yoshida, S. Inoue, P. Lambrechts. Abstract 218 – EADR Cardiff, September 2002



49. Antibacterial activities of MDPB and fluoride in dentin bonding agents. F. Özer, N. Ünlü, S. Karakaya, O. Erganis, H. Hadimli. Abstract 451 – 37th Annual Meeting of the EADR, 2001, Rome, Italy
50. Adhesion to enamel and dentin: current status and future challenges. B. Van Meerbeek, J. De Munck, Y. Yoshida, S. Inoue, M. Vargas, P. Vijay, K. Van Landuyt, P. Lambrechts, G. Vanherle. Operative Dentistry, 2003, 28-3, 215-235
51. Chemical bonding potential of adhesive materials to hydroxyapatite. B. Van Meerbeek, J. De Munck, Y. Yoshida, K. Shirai, S. Inoue, H. Shintani and P. Lambrechts. Abstract 0708 – 81st General Session of the IADR, 2003, Göteborg, Sweden
52. Marginal seal of composite restorations (Filtek Z250 – 3M/ESPE) with various bonding systems – Laboratory evaluation. P. Kustra and W. Rabczak. Abstract 1973 – 81st General Session of the IADR, 2003, Göteborg, Sweden
53. Effect of dentin preparation on bond strength of two-step bonding agents. F. Özer, N. Ünlü, E.C. Say, M. Kusdemir, M. Soyman and J. Tagami. Abstract 2924 – 81st General Session of the IADR, 2003, Göteborg, Sweden.
54. Four-year water degradation of a resin-modified glass-ionomer adhesive bonded to dentin. J. De Munck, B. Van Meerbeek, Y. Yoshida, S. Inoue, K. Suzuki, P. Lambrechts. Eur J Oral Sci 2004, 112: 73-83.
55. Six-year evaluation of a RMGIC adhesive in CIV lesions. J.W.V. Van Dijken. Abstract 2840 - – 82nd General Session of the IADR, 2004, Honolulu, Hawaii.
56. Clinical evaluation of a resin-modified glass ionomer adhesive system – results at three years. M.J. Tyas, M.F. Burrow. Operative Dentistry, 2001, 26, 17-20.
57. Mechanisms of bonding of a resin-modified glass-ionomer adhesive to dentin. B. Van Meerbeek, Y. Yoshida, P. Lambrechts, G. Vanherle, K. Wakasa, Y. Nakayama. Abstract 2236 – 76th General Session of the IADR, 1998, Nice, France.
58. Effect of remaining dentin thickness and the use of conditioner on micro-tensile bond strength of a glass-ionomer adhesive. S. Inoue, B. Van Meerbeek, Y. Abe, Y. Yoshida, P. Lambrechts, G. Vanherle, H. Sano. Dental Materials 17 (2001)445-455. *
59. Effect of conditioner on bond strength of glass-ionomer adhesive to dentin/enamel with and without smear layer interposition. S. Inoue, Y. Abe, Y. Yoshida, J. De Munck, H. Sano, K. Suzuki, P. Lambrechts, B. Van Meerbeek. Operative Dentistry, 2004, 29-6, 685-692.
60. Retention of a resin-modified glass ionomer adhesive in non-carious cervical lesions. A 6-year follow-up. J.W.V. van Dijken. Journal of Dentistry (2005) 33, 541-547 *
61. Clinical effectiveness of contemporary adhesives: A systematic review of current clinical trials. M. Peumans, P. Kanumilli, J. De Munck, K. Van Landuyt, P. Lambrechts, B. Van Meerbeek. Dental Materials (2005) 21, 864-881
62. Development of a self-etch adhesive for resin-modified glass ionomers. E. Coutinho, K. Van Landuyt, J. De Munck, A. Poitevin, Y. Yoshida, S. Inoue, M. Peumans, K. Suzuki, P. Lambrechts, B. Van Meerbeek. J Dent res 85(4): 349-353, 2006



63. Effect of cavity configuration and aging on the bonding effectiveness of six adhesives to dentin. K.Shirai, J. De Munck, Y. Yoshida, S. Inoue, P. Lambrechts, K. Suzuki, H. Shintani, B. Van Meerbeek. Dental Materials (2005) 21, 110-124
64. Effect of water storage on the bonding effectiveness of 6 adhesives to Class I cavity dentin. J. De Munck, K. Shirai, Y. Yoshida, S. Inoue, K.L. Van Landuyt, P. Lambrechts, K. Suzuki, H. Shintani, B. Van Meerbeek. Operative Dentistry, 2006, 30-1, 456-465
65. Volumetric contraction in some tooth-coloured restorative materials. RW Bryant, DB Mahler. Australian Dental Journal 2007; 52:2 *
66. Gel phase formation at resin-modified glass-ionomer/tooth interfaces. E. Couthino, Y. Yoshida, S. Inoue, R. Fukuda, J. Snaauwaert, Y. Nakayama, J. De Munck, P. Lambrechts, K. Suzuki, B. Van Meerbeek. J Dent res 86(7):656-661, 2007
67. Shear Bond Strength Evaluation of Resin Composite Bonded to GIC Using Three Different Adhesives. V. Gopikrishna, M. Abarajithan, J. Krithikadatta, D. Kandaswamy. Operative Dentistry, 2009 July/August, Volume 34, Number 4
68. Shear bond comparison of bonded resin-modified glass ionomers. C. Defuria, A. Samad-Zadeh, M. Harsono, J. Towers, S. MacDonald, M. Finkelman, G. Kugel, R.D. Perry. Abstract 1087 – IADR 2011 San Diego, USA
69. Clinical effectiveness of contemporary adhesives: A systematic review of current clinical trials. M. Peumans, P. Kanumilli, J. De Munck, K. Van Landuyt, P. Lambrechts, B. Van Meerbeek. Dental Materials (2005) 21, 864–881
70. Relationship between bond-strength tests and clinical outcomes. B. Van Meerbeek, M. Peumans, A. Poitevin, A. Mine, A. Van Ende, A. Neves, J. De Munck. Dental Materials 26(2010) e100–e121
71. Four Week Fluoride Release of Various Dental Materials. M. Ogledzki, C. Decoteau, M. Finkelman, G. Kugel, R.D. Perry. Abstract 835 – IADR March 2012, Tampa, USA
72. Effect of Dentine Conditioning on Adhesion of RM-Glass Ionomer Cements. M.F. Burrow. Abstract 2381, IADR Seattle 2013.