

References

As of 19 March 2024



GC GRADIA
D I R E C T
Light cured
Composite restorative





GC GRADIA DIRECT Light cured composite restorative

1. H. Yarimizu, T. Sakuma, S. Akahane, K. Hirota. Wear properties of experimental MFR composite (NGD220) for posterior restoration. Abstract 1254 – 80th General Session of the IADR, 2002, San Diego, USA. *
2. G. La Torre G, A. Guida, S. Turco, E. Caciari, G. Migliau, M. Di Punzio, L. Gallottini. Three different materials in class II composite restorations: evaluation of microleakage. Abstract 1277 – 81st General Session of the IADR, 2003, Göteborg, Sweden. *
3. A. Fabianelli, S. Grandini, C. Goracci, M. Ferrari. One-year clinical trial of Gradia Direct Class II restorations. Abstract 1472 - 81st General Session of the IADR, 2003, Göteborg, Sweden. *
4. F. Monticelli, C. Goracci, S. Grandini, E. Bertelli, P. Balleri, M. Ferrari. Scanning electron microscopic evaluation of fiber post-resin core unit. Abstract 1953 - 81st General Session of the IADR, 2003, Göteborg, Sweden.
5. M.J. Melkers. Direct placement alternatives for anterior, esthetic rehabilitation. Compendium, August 2003, Vol. 24, No. 8. *
6. GRADIA DIRECT – Hands-on proven performance. Collaborative Techniques, Winter 2003 *
7. Editor's evaluation GRADIA DIRECT; The Dental Advisor, Volume 21, 2004 *
8. F. Monticelli, C. Goracci, M. Ferrari. Micromorphology of the fiber post-resin core unit: a scanning electron microscopy evaluation. Dental Materials (2004) 20, 176-183
9. Effect of Different Degrees of Air Blow Pressure on μ TBS. S. Kojima, G. Mashio, A. Arita, T. Sakuma, T. Kumagai and S. Akahane. Abstract 0443 – 82nd General Session of the IADR, 2004, Honolulu, Hawaii.
10. Effectiveness of Composite Resin Finishing Systems. M.J. Herrington, J.O. Burgess and D.E. Mercante. Abstract 651 – 82nd General Session of the IADR, 2004, Honolulu, Hawaii.
11. Color Accuracy of Layered Restorative Composites in-vitro. D. Nathanson, R. Antebi, J. Ojimba, M. Ferguson, H. Weber and S. Nagai. Abstract 3960 – 82nd General Session of the IADR, 2004, Honolulu, Hawaii.
12. Color stability of restorative materials after bleaching: *in vitro* study. M. Lombardini, G. Porcaro, C. Poggio, S. Bianchi. Annali di Stomatologia 2004; LIII (4): 167-170.
13. Scanning electron microscopic evaluation of fiber post-resin core units built up with different resin composites. F. Monticelli, C. Goracci, S. Grandini, F. Garcia-Godoy, M. Ferrari. American Journal of Dentistry, Vol.18, No.1, February, 2005.
14. Colour and translucency of opaque-shades and body-shades of resin composites. T. Ikeda, S.K. Omata, M. Fujita, H. Sano. Eur J Oral Sci 2005; 113: 170-173.
15. Blending effect of resin composites. R.D. Paravina, M. Oguri, J.M. Powers and S. Westland. Abstract 301 - 83nd General Session of the IADR, 2005, Baltimore, Maryland, USA.
16. Color, translucency and gloss of resin composites. J.M. Powers, R.D. Paravina and M. Oguri. Abstract 303 - 83nd General Session of the IADR, 2005, Baltimore, Maryland, USA.



17. Computerized color determination for 2 layered composites in vitro. D. Nathanson, S. Nagai, H. Yamamoto and H.-P. Weber. Abstract 304 - 83nd General Session of the IADR, 2005, Baltimore, Maryland, USA.
18. Color accuracy of anatomic placement of layered restorative composites. A. Steen, D.C.N. Chan, S. Rozier, R. Pohjola and M. Myers. Abstract 589 - 83nd General Session of the IADR, 2005, Baltimore, Maryland, USA
19. Hardness and cure depth 12 composites with LED curing light. M. Waite, J. Burgess and D. Mercante. Abstract 1831 - 83nd General Session of the IADR, 2005, Baltimore, Maryland, USA
20. Enamel and body resin restoratives: color stability, roughness and wear. B.K. Moore, J.A. Platt, H. Clark and B. Rhodes. Abstract 2690 - 83nd General Session of the IADR, 2005, Baltimore, Maryland, USA
21. Surface gloss of diversified composite resins. A. Ishikawa and Y. Tani. Abstract 2694 - 83nd General Session of the IADR, 2005, Baltimore, Maryland, USA
22. Color stability of four composites exposed to a staining medium. C.A. Tenniswood, P. Yaman, J. Dennison and A.A. Herrero. Abstract 3098 - 83nd General Session of the IADR, 2005, Baltimore, Maryland, USA
23. Light transparency and diffusion characteristics of resin composites. M. Hotta, K. Yamamoto. Abstract 3104 - 83nd General Session of the IADR, 2005, Baltimore, Maryland, USA
24. Effect of surface sealant and staining on the fluorescence of resin composites. Y.-K. Lee, H. Lu, J.M. Powers. The Journal of Prosthetic Dentistry, Volume 93 Number 3, March 2005.
25. The ratings – Gradia Direct. Reality Publishing Co. Vol. 19, 2005 *
26. Gradia Direct. The Dental Advisor, Vol.23, No.1, January/February 2006 *
27. Color difference of four esthetic restorative materials by the illuminant. Y.K. Lee, J.M. Powers. Am J Dent 2005; 18:359-363
28. Laboratory evaluation of localized wear of selected composite restoratives. M.A. Latta, W.W. Barkmeier, C.M. Murdock. Abstract 399 - IADR, March 2006, Orlando, Florida, USA
29. Polymerization shrinkage of resin composites. J. Burgess, M.M. Winkler. Abstract 901 - IADR, March 2006, Orlando, Florida, USA
30. Effect of the calset warmer on flow of commercial composites. J. Da Costa, J. Ferracane, T. Hilton, R. McPharlin. Abstract 1405 - IADR, March 2006, Orlando, Florida, USA
31. Measurement of restorative composite resin viscosity using a digital plastimeter. G.D. Dixon, C.N. Brooks, J.M. Carter, P.C. Moon. Abstract 1409 - IADR, March 2006, Orlando, Florida, USA
32. Finishing systems on the final surface roughness of composites. R.U. Koh, G.F. Neiva, J.B. Dennison, P. Yaman. Abstract 1418 - IADR, March 2006, Orlando, Florida, USA
33. Assessment of a computerized shade selection for layered composite. S. Nagai, D. Nathanson, A. Crystal, P.Prasanna, H.-P. Weber. Abstract 1430 - IADR, March 2006, Orlando, Florida, USA
34. Effect of aging on color, translucency and gloss of composites. B.K. Westbrook, R.D. Paravina, J.C. Ontiveros, J.M. Powers. Abstract 1431 - IADR, March 2006, Orlando, Florida, USA
35. Influence of layering on color and translucency of resin composites. S.B. Hanis, R.D. Paravina, J.C. Ontiveros, J.M. Powers. Abstract 1432 - IADR, March 2006, Orlando, Florida, USA



36. Gloss retention of resin composite containing submicron spherical filler. J.-I. Yamagawa, M. Kashimura, H. Kazama. Abstract 1909 - IADR, March 2006, Orlando, Florida, USA
37. FEA of pulpless teeth restores with direct and indirect materials. M. Ferrari, D. Apicella, R. Sorrentino, F. Zarone, A. Apicella. Abstract 0093 – IADR, 28 June- 1 July 2006, Brisbane, Australia
38. Short-term clinical evaluation of Gradia Direct restorations. J. Sugizaki, M. Morigami, S. Uno, T. Yamada. Abstract 1630 - IADR, 28 June- 1 July 2006, Brisbane, Australia
39. Posterior Composite Resins. ADA Professional Product Review, Vol.1, issue 1
40. Clinical trial of G-Bond all-in-one adhesive and Gradia Direct resin composite in non-cariou cervical lesions – Results at 1 year. M.F. Burrow, M.J. Tyas. Journal of Dentistry 35 (2007) 623-625
41. Compressive Fatigue Behavior of Dental Restorative Composites. Jamshid AGHAZADEH MOHANDESI, Mohammad Ali RAFIEE, Vahid BARZEGARAN and Farhad SHAFIEI. Dental Materials Journal 26(6): 827-837, 2007
42. Microhardness Evaluation of Resin Composites Polymerized by Three Different Light Sources. Ihsan HUBBEZOGLU, Giray BOLAYIR, Orhan Murat DOGAN, Arife DOGAN, Ali ÖZER and Bülent BEK. Dental Materials Journal 26(6): 845-853, 2007
43. Effect of Thermal Cycling on surface texture of restorative composite Materials. Hiroyuki Minami, Sayaka Hori, Hasanori Kurashige, Sadaaki Murahara, Koichi Muraguchi, Yoshito Minesaki, Takuo Tanaka. Dental Materials Journal 26(3): 316-322, 2007
44. Effect of Air-drying Temperature on the Effectiveness of Silane Primers and Coupling Blends in the Repair of a Microhybrid Resin Composite. F. Papacchini, F. Monticelli, and others. J Adhes Dent 2007; vol 9; n°4; 391 – 397.
45. Cytotoxic Effects of veneer Composite Materials. M. Schmid-Schwap, A. Franz, M. Krainhofner, F. König, G. Krennmair, A. Schedle. Int J Prosthodontics 2007; 20:596-598
46. Qualitative and Quantitative analysis of Eluted compounds from Dental Composites. FX.Reichl, M. Seiss, J. Glas, M.Folwaczny, K.Kehe and R. Hickel. EADR - Abstract 0123, Greece September 2007
47. Volumetric Polymerization Shrinkage Characteristics of Resin Materials for Different indications. W.Dasch, A.Petschelt. IADR - Abstract 2464, Brisbane July 2006
48. Chemical Degradation of Dental Composite Resins after Extract Treatments H. Park, T. Chae, K.-N. Kim and K.-M. Kim. Abstract 1591 - IADR, March 2007.
49. The Effects of Extract Condition on Dental Composite-Resin Flexural Strength T. Chae, H. Park, K.-N. Kim and K.-M. Kim. Abstract 2688 – IADR, March 2007, USA.
50. Time-Dependant Wettability of Selected Restorative Resins. S.S. Khajotia, S.F. Knox and M.G. Duncanson Jr. Abstract 2689 – IADR, March 2007, New Orleans, USA.
51. Effect of polishing methods on the composite resin surface. D. Machida, T. Sakuma and S. Akahane. Abstract 2708 - IADR, March 2007, USA.
52. Curing Efficiency of Direct and Laboratory Resin Composites after Post-curing V. Koukouli, C. Rahiotis and M. Gaintantzopoulou. Abstract 0285, EADR 2006, Dublin, Ireland.
53. The effect of intermediate agents in composite repair bond strength. F. Papacchini, I. Radovic, E. Magni, F. Monticelli, C. Goracci, N. Chieffi and M. Ferrari. Abstract 0308, EADR 2006, Dublin, Ireland.
54. Characterization of composites to their shrinkage and contraction stress. A.J. De Gee, C.J. Kleverlaan and A.J. Feilzer. Abstract 0467, EADR 2006, Dublin, Ireland.



55. Color Stability of composite resins performed by two instrumental methods. B. Culic, D. Dudea, V. Prejmerean, C. Culic, S. Neamtu, F. Alb and L. Silaghi Dumitrescu. Abstract 0344, July, 2008, Toronto, Canada.
56. Effects of irradiation period on toothbrush wear of restorative materials. H. Minami, H. Kurashige, K. Fujii, S. Suzuki and T. Tanaka. Abstract 1054, July, 2008, Toronto, Canada.
57. Wear resistance of resin- based restorative composites. T. Nihei, K.-H. Kunzelmann, A. Dabanoglu, K. Ohashi, R. Mori, R. Hickel and T. Teranaka. Abstract 1056, July, 2008, Toronto, Canada.
58. Optical integration of incisoproximal restorations using the natural layering concept. P. Magne, W.S. So. Quintessence Int. 2008 Aug;39(8):633-43
59. Color Adjustment Potential of resin Composites, R.D. Paravina, S. Westland, W.M. Johnston and J.M. Powers. Journal of Dental Res 2008, 87(5), page 499-503.
60. Reconstruction of lacks of teeth by use of composite bridge on glass-fibre – a case report. G. Dawiec, M. Dawiec, K. Staron-Irla. Poradnik Stomatologiczny 2009, 4: 138-140
61. 3-year clinical evaluation of Gradia Direct restorations. J. Sugizaki, M. Morigami, S. Uno, T. Yamada. Abstract 3244 – IADR April 1-4, 2009, Miami, Florida
62. Clinical, quantitative and qualitative wear evaluation of hybrid posterior composites. S. Palaniappan, M. Peumans, B. Van Meerbeek and P. Lambrechts. Abstract 0708 – PEF IADR 2008, London
63. Resin-composite overview - An update on current products. G.G. Craig. Dental Outlook, Vol. 8, N°1, June 2009
64. Bio-tribocorrosion Wear Resistance of Posterior Composites at Macro- and Micro-scale. S. Palaniappan, P. Lambrechts, M. Peumans and B. Van Meerbeek. Abstract 0555 – EADR Israel, September 2007
65. Flexural behavior of direct/indirect resin composites and composite-repair joints. F. Papacchini, M. Sedda, V. Borgia, A. Borracchini and M. Ferrari. Abstract 342- EADR 2009, München, Germany
66. Toxicology and side effects of components from dental materials F.-X. REICHL, Ludwig-Maximilians-University of Munich, Munich, Germany. Abstract 363 – EADR 2009, München, Germany
67. Three-year randomized clinical trial to evaluate the clinical performance, quantitative and qualitative wear patterns of hybrid composite restorations. S. Palaniappan, L. Elsen, I. Lijnen, M. Peumans, B. Van Meerbeek, P. Lambrechts. Clin Oral Invest, 8 August 2009
68. Fracture toughness comparison of six resin composites. H. Watanabe, S.C. Khera, M.A. Vargas, F. Qian. Dental Materials 24 (2008) 418-425
69. Polymerization shrinkage ratio of various resin composites. S. Kaga, F. Fusejima, T. Kumagai and T. Sakuma. Abstract 2441 – IADR 2009 Miami, USA
70. Influence of composite resin on bond strength of all-in-one adhesives. C. Goracci, M. Margvelashvili, M. Sedda, E. Magni and M. Ferrari. Abstract 2966 – IADR 2009 Miami, USA
71. Marginal integrity of current commercial resin composites in dentin cavity. M. Kusunoki, M. Oikawa, K. Itoh and H. Hisamitsu. Abstract 499 – IADR 2009 Miami, USA
72. Characteristics in Polymerization Shrinkage of Latest Low-shrinkage Resin Composite Restoratives. T. Maseki, T. Nitta, M. Yamase, T. Yamada, S. Ogawa, T. Kimishima, Y. Nara and I.L. Dogon. Abstract 457 – AADR 2010 Washington DC, USA
73. Setting Shrinkage Performance of Resin Composites. M. Irie, Y. Tamada, Y. Maruo, G. Nishigawa, M. Oka, S. Minagi, K. Suzuki and D.C. Watts. Abstract 458 – AADR 2010 Washington DC, USA



74. Mechanical Properties of Various Latest Resin Composite Restoratives. M. Yamase, T. Maseki, T. Nitta, T. Kimishima and Y. Nara. Abstract 464 – AADR 2010 Washington DC, USA
75. Adhesion of streptococcus mutans to different restorative materials. C. Poggio, C.R. Arcialo, F. Rosti, A. Scribante, E. Saino, L. Visai. The International Journal of Artificial Organs. Vol. 32, n°9, 2009
76. Fluorescent emission of varied shades of resin composites. Y.-K. Lim, Y.-K. Lee. Dental Materials 23 (2007) 1262-1268
77. Hydrolytic stability of composite repair bond. F. Papacchini, M. Toledano, F. Monticelli, R. Osorio, I. Radovic, A. Polimeni, F. García-Godoy, M. Ferrari. Eur J Oral Sci 2007; 115: 417-424
78. Bond strength performance of different resin composites used as core materials around fiber posts. F. Tranchesi Sadek, F. Monticelli, C. Goracci, F.R. Tay, P.E.C. Cardoso, M. Ferrari. Dental Materials 23 (2007) 95-99
79. 6-Month clinical performance of a new glass-ionomer restorative system. S. Gurgan, F.Y. Cakir, E. Firat, Z.B. Kutuk and S. Ak. Abstract 403 – IADR 2010, Barcelona, Spain
80. 2-year clinical effectiveness of all-in-one adhesives in non-carious cervical lesions. S.G. Moretto, E.M.A. Russo, R.C.R. Carvalho, K. Van Landuyt, M. Peumans, B. Van Meerbeek and M.V. Cardoso. Abstract 694 – IADR 2010, Barcelona, Spain
81. Human pulpal response to four methods of direct pulp capping. M. Fazlyab, S. Banava, H. Heshmat, F. Mojtahedzadeh and P. Motahhary. Abstract 4009 – IADR 2010, Barcelona, Spain
82. Role of dentin-shade in layering of resin composite restoration. T. Ikeda, S. Inoue, T. Tanaka, H. Komatsu and H. Sano. Abstract 787 – IADR 2010, Barcelona, Spain
83. Effect of curing techniques on marginal leakage of ceramic inlays. J.Y. Park, Y.-H. Choi, M.-U. Jin, Y.K. Kim and S.K. Kim. Abstract 3977 – IADR 2010, Barcelona, Spain
84. Bio-tribocorrosion wear resistance of posterior composites at macro- and micro-scale. S. Palaniappan, P. Lambrechts, M. Peumans and B. Van Meerbeek. Abstract 0555 - IADR Israel, 26-29 September 2007
85. Clinical, quantitative and qualitative wear evaluation of hybrid posterior composites. S. Palaniappan, M. Peumans, B. Van Meerbeek and P. Lambrechts. Abstract 0708 - PEF IADR, 10-12 September 2008, London
86. Polymerization shrinkage ratio and force of various resin composites. F. Fusejima, S. Kaga, T. Kumagai and T. Sakuma. Abstract 292 – EADR 2009, München, Germany
87. Long-term fluoride release and recharge of fluoride containing resin composites. S. Naoum, A. Ellakwa and M.V. Swain. Abstract 1473 – IADR 2010, Barcelona, Spain
88. A long-term laboratory test on staining susceptibility of esthetic composite resin materials. S. Ardu, V. Braut, D. Gutemberg, I. Krejci, D. Dietschi, A.J. Feilzer. Quintessence International, Vol 41, N°8, September 2010
89. Effect of oxygen inhibition on composite repair strength over time. S. Dall'Oca, F. Papacchini, C. Goracci, A.H. Cury, B.I. Suh, F.R. Tay, A. Polimeni, M. Ferrari. Journal of Biomedical materials Research Part B: Applied Biomaterials, DOI 10.1002/jbmb
90. Color Stability of Current Light-activated Resin-Composite Restorative Materials after Polymerization. C. Sabatini, J. Aref and C. Munoz. Abstract 795 – IADR 2010, Barcelona, Spain
91. Experimental methodology to characterize volumetric changes of composite during photopolymerization. A. Joubert, C. Villat, P. Colon, B. Grosogeat, N. Pradelle-Plasse. Abstract 48, ADM 2010, Trieste, Italy
92. Thermal evaluation of light-curing composites. M. Petrini, P. Trentini, G. Spoto, M. Ferrante. Abstract 74, ADM 2010, Trieste, Italy
93. Surface roughness of commercial composites after different polishing



- protocols: an analysis with atomic force microscopy. L. Giacomelli, G. Derchi, A. Frustaci, O. Bruno, U. Covani, A. Barone, D. De Santis and F. Chiappelli. *The Open Dentistry Journal*, 2010, 4, 191-194
94. Shade compatibility of esthetic restorative materials—A review. Y.-K. Lee, B. Yub, S.-H. Lee, M.-S. Cho, C.-Y. Lee, H.-N. Lim. *Dental Materials* 26 (2010) 1119-1126
 95. 5-years clinical evaluation of Gradia Direct restorations. J. Sugizaki, M. Morigami, S. Uno and T. Yamada. Abstract 3238 – IADR 2011 San Diego, USA
 96. Five-year clinical evaluation of G-Bond in non-cariou cervical lesions. M. Tyas and M. Burrow. Abstract 1143 – IADR 2011 San Diego, USA
 97. Fluorescence of composite resin restorations. P. Loyaga-Rendon, H. Takahashi. Abstract 2031 – IADR 2011 San Diego, USA
 98. Bond strength of fiber reinforced composite substructure to restorative composites. J. Tanner, A.-M. Le Bell-Rönnlöf, G. Alfont, E. Säilynoja, L. Lassila, P.K. Vallittuu. Abstract 1993 - IADR 2011 San Diego, USA
 99. Polymerization shrinkage of nine highly-filled composite materials. P. Beck, M. Lindsey, C. Michelson, D. Cakir, L.C. Ramp, J.O. Burgess. Abstract 606 - IADR 2011 San Diego, USA
 100. Nanohybrid and microfilled hybrid versus conventional hybrid composite restorations: 5-year clinical wear performance. S. Palaniappan, L. Elsen, I. Lijnen, M. Peumans, B. Van Meerbeek, P. Lambrechts. *Clin Oral Invest*, published online 11 January 2011
 101. Hygroscopic dimensional changes of self-adhering and new resin-matrix composites during water sorption/desorption cycles. Y.-J. Wei, N. Silikas, Z.-ting Zhanga, D.C. Watts. *Dental Materials* 27 (2011) 259-266
 102. Evaluation of Vickers hardness and surface roughness of composites. I. Okada, Y. Kumashiro, D. Kita, M. Hasegawa and A. Ishikawa. Abstract 2016 – IADR 2011, San Diego, USA
 103. In vitro localized wear of current composite restoration materials. K. Tsubota, M. Miyazaki, W.W. Barkmeier and M.A. Latta. Abstract 1188 - IADR 2011, San Diego, USA
 104. 12-Month Clinical Performance of a Glass-Ionomer Restorative System. S. Gurgan, F. Yalcin Cakir, E. Firat, Z.B. Kutuk, S.S. Ak, Y. Korkmaz. Abstract 3246 – IADR 2011, San Diego, USA
 105. 3-Year Clinical Effectiveness of One-step Adhesives in Non-cariou Cervical Lesions. S.G. Moretto, E.M.A. Russo, R.C.R. Carvalho, K.L. Van Landuyt, M. Peumans, B. Van Meerbeek, M.V. Cardoso. Abstract 363 – EADR 2011, Istanbul, Hungary
 106. Improvement of Archimedes method to characterize continuous composite shrinkage. C. Ribeyron, N. Pradelle-Plasse, C. Villat, P. Colon, B. Grosogeat. Abstract 315 – EADR 2011, Istanbul, Hungary
 107. Change of color and translucency by light curing in resin composites. S.K. Sidhu, T. Ikeda, Y. Omata, M. Fujita, H. Sano. *Operative Dentistry* 2006, 31-5, 598-603
 108. Clinical evaluation of the use of fiber posts and direct resin restorations for endodontically treated teeth. S. Grandini, C. Goracci, F. Tay, R. Grandini, M. Ferrari. *The International Journal of Prosthodontics*, Volume 18, Number 5, 2005
 109. Polymerization profile analysis of resin composite dental restorative materials in real time. S.J. Naoum, A. Ellakwa, L. Morgan, K. White, F. E. Martin, I. Bog Lee. *Journal of Dentistry* 40 (2012) 64-70
 110. Evaluation of translucency of resin composites by two different methods. D. Kim, S. Park. Abstract 112 – Conseuro 2011, Istanbul, turkey. *Clin Oral Invest* (2011) 15:771-857
 111. Color change of five resin composites exposed to 10% hydron peroxide and carbamide peroxide. S.Kurtulmus-Yilmaz, E. Cengiz, E. Yuksel, S. Tugba



- Ozak, N. Ulusoy. Abstract 132 – Conseuro 2011, Istanbul, turkey. Clin Oral Invest (2011) 15:771–857
112. The effect of home bleaching agents on the surface roughness of five different composites. E. Cengiz, N. Ulusoy, S. Kurtulmusyilmaz, S. Tugba Ozak, E. Yuksel, H. Solak. Abstract 133 – Conseuro 2011, Istanbul, turkey. Clin Oral Invest (2011) 15:771–857
 113. A new classification of resin-based aesthetic adhesive materials. S. Ardu, V. Braut, I. Uhac, N. Benbachir, A.J. Feilzer and I. Krejci. Coll.Antropol.34 (2010) 3: 1045–1050
 114. Color stability of ten resin-based restorative materials. C. Sabatini, M. Campillo, J. Aref. Journal of Esthetic and Restorative Dentistry, Vol24, nr3, 185–199, 2012
 115. Composite polymerization stress determined by two crack analysis methods. T.C. Guimaraes, T. Yamamoto, R.R. Braga. Abstract 105 - Academy of Dental Materials Annual Meeting, 19-22 September 2012, Lake Buena Vista, Florida, USA
 116. Simultaneous determination of polymerization shrinkage, exotherm and thermal expansion coefficient for dental resin-composites. A. Alnazzawi, D.C. Watts. Dental materials 28(2012) 1240–1249
 117. Surface discoloration of composite resins: Effects of staining and bleaching. C. Poggio, R. Beltrami, A. Scribante, M. Colombo, M. Chiesa. Dental Research Journal, September 2012, Vol. 9, Issue 5
 118. Stickiness and Stringiness of Uncured Nano- and Nano-hybrid Composites. T.D. Dunbar, B.D. Craig, G.A. Kobussen, J.L. Kittelson. Abstract 165 – IADR March 2012, Tampa, USA
 119. SENB Fracture Toughness of Resin Composites after Storage in Water. S.S. Khajotia, L.E. Yearly, M.W. Keller. Abstract 243 – IADR March 2013, Tampa, USA
 120. Wear of Six Composite Resin Restorative Materials. M. Kyson, D. Kojic, P. Beck, L. Ramp, D. Cakir, J. Burgess, S. Kyson. Abstract 864 – IADR March 2012, Tampa, USA
 121. Rheological Behavior of a New Restorative Material. E. Nguyen, U. Drechsler, D. Tobia. Abstract 1034.1 – IADR March 2012, Tampa, USA
 122. Effect of Storage Duration on Wettability of Resin Composites. S.S. Khajotia, A.T. Phan. Abstract 1342 – IADR March 2012, Tampa, USA
 123. Flexure Strength and Compressive Fracture Force if Aged Composite Resins. P.C. Moon, S. Dixon, S. Filipone. Abstract 1349 – IADR March 2012, Tampa, USA
 124. 24-Month Clinical Performance of a Glass-Ionomer Restorative System. S. Gurgan, F. Yalcin Cakir, E. Firat, Z.B. Kutuk, S.S. Ak Oztas, Y. Korkmaz Ceylan. Abstract 107 – IADR Brazil 2012
 125. Wear Produced by Finishing Manouvres in Contemporary Composite Resins. A. Kaplan, Abstract 387 – IADR Brazil 2012
 126. Influence of Polishing and UV Aging on Composite Resin Translucency. R. Ramirez. Abstract 388 – IADR Brazil 2012
 127. Microhardness Evaluation of Composite Resin Materials. V. Panduric, D. Marovic, K. Sariri, N. Demoli, K. Prskalo, Z. Tarle. Abstract 418 – IADR Finland 2012
 128. Dimensional Changes of Methacrylate/Silorane-based Composites measured by Laser Interferometry. Z. Tarle, V. Panduric, M. Mrakuzic, D. Marovic, K. Sariri, N. Demoli, I. Sovic. Abstract 520 – IADR Finland 2012
 129. Five-Year Clinical Performance of a HEMA-free One-Step Self-Etch Adhesive. K. Van Landuyt, M. Peumans, J. De Munck, B. Van Meerbeek. Abstract 545 – IADR Finland 2012
 130. Antibacterial Effect of a New Posterior Glass Ionomer Cement. S. Banava, S.H. Inanloo, M. Ahouran. Abstract 178153 – IADR Iran 2012



131. 36 months clinical performance of a Glass Ionomer Restorative System. S. Gurgan, F. Yalcin Cakir, E. Fyrat, Z.B. Kutuk, S.S. Oztas. Abstract 2933 IADR Seattle 2013
132. Comparison of two different methods to evaluate water sorption of different composite resins with or without coating sealer application. L. Fierravanti, A. Comba, M. Alovisi, D. Pasqualini, E. Berruti, N. Scotti. Abstract 167 – Conseuro Paris 2013
133. Influence of Surface Coating on Staining Susceptibility and Surface Roughness of Esthetic Composite Resin Materials. R. Michele, G. Carlotta, B. Emanuele, R. Tempesta, G. Ventura, D. Pasqualini, E. Berruti, N. Scotti. Abstract 197- Conseuro Paris 2013
134. Should we be concerned about composite (nano-)dust? K.L. Van Landuyt, K. Yoshihara, B. Geebelen, M. Peumans, L. Godderis, P. Hoet, B. Van Meerbeek. Dental Materials 28 (2012) 1162–1170
135. Four-year clinical evaluation of an all-in-one adhesive in Class Vs. M. Garcia Gallart Sr., M. Ferrari, C. Goracci, A. Vichi, And N. Tsintsadze. Abstract 66 – IADR Firenze 2013, Italy
136. Non-destructive Analysis of the Displacement and Strain in Composite Restorations. A. Van Ende, E. Van De Castele, M. Depypere, M. Wevers, J. De Munck, F. Maes, And B. Van Meerbeek. Abstract 203 – IADR Firenze 2013, Italy
137. Effect of three-surface treatments on the repaired strengths of aged-composites. N. Unlu, And A.I. Erkan. Abstract 234 – IADR Firenze 2013, Italy
138. Scattering properties of a composite resin: Influence on color perception. R. Beltrami, M. Colombo, M. Chiesa, S. Bianchi, C. Poggio. Contemporary Clinical Dentistry 5 (2014) 74-79.
139. Retrospective evaluation of posterior direct composite restorations : 10-year findings. E. Lempel, A. Toth, T. Fabian, K. Krajczar, J. Szalma. Dental Materials 31 (2015), pp. 115-122.
140. Dallas, J.C. (2012). The Ratings Composites – Universal. Not to be distributed.
141. Poggio, C., Vialba, L., Berardengo, A., Federico, R., Colombo, M., Beltrami, R., & Scribante, A. (2017). Color Stability of New Esthetic Restorative Materials : A Spectrophotometric Analysis. *Journal of Functional Biomaterials*. Vol. 8,26.
142. Optical properties of composite restorations influenced by dissimilar dentin restoratives. J. Marjanovic, D.N. Veljovic, J.N. Stasic, T. Savic-Stankovic, B. Trifkovic, V. Miletic. Dent Mater. 2018 Feb 2. pii: S0109-5641(17)31165-X. doi: 10.1016/j.dental.2018.01.017
143. Influence of different low-pressure plasma process parameters on shear bond strength between veneering composites and PEEK materials. F. Bötel, T. Zimmermann, M. Sütel, WD. Müller, AD Schwitalla. Dent Mater. 2018 Jun 20. pii: S0109-5641(18)30088-5. doi: 10.1016/j.dental.2018.06.004. [Epub ahead of print]
144. Microhardness of different esthetic restorative materials: Evaluation and comparison after exposure to acidic drink. C. Poggio, M. Viola, M. Mirando, M. Chiesa, R. Beltrami, M. Colombo. Dent Res J (Isfahan). 2018 May-Jun; 15(3): 166–172
145. Nine-year Clinical Performance of a HEMA-free One-step Self-etch Adhesive in Noncarious Cervical Lesions. Peumans M, Wouters L, De Munck J, Van Meerbeek B, Van Landuyt K. J Adhes Dent. 2018 Jun 14:1-9. doi: 10.3290/j.jad.a40630
146. The Effect of Different Polishing Methods and Storage Media on Discoloration of Resin Composites. Z. Deljoo, M. Sadeghi, MRb Azar, R. Bagheri. Journal of Dental Biomaterials 2016;3(2)



147. Fluorescence: Clinical Evaluation of New Composite Resins. F. Rey Duro, J. Souza Andrade, S. Duarte. QDT 2012
- 148.** Flexural Properties and Elastic Modulus of Different Esthetic Restorative Materials: Evaluation after Exposure to Acidic Drink. A. Scribante, M. Bollardi, M. Chiesa, C. Poggio, M. Colombo. BioMed Research International Volume 2019, Article ID 5109481, 8 pages.
<https://doi.org/10.1155/2019/5109481>
- 149.** Fluorescence-aided selective removal of resin-based composite restorative materials: An in vitro comparative study. Ramya Kiran BDS1 | James Chapman PhD1,2 | Marc Tennant PhD3 | Alexander Forrest MDSc4 | Laurence J. Walsh PhD4J Esthet Restor Dent. 2019;1-7. DOI: 10.1111/jerd.12536
- 150.** Effects of Endodontic Access Cavity Design and Thermocycling on Fracture Strength of Endodontically Treated Teeth. Saberi EA, Pirhaji A, Zabetiyan F. Clin Cosmet Investig Dent. 2020 Apr 23;12:149-156. doi: 10.2147/CCIDE.S236815. eCollection 2020. 10.2147/CCIDE.S236815
- 151.** Is Marginal Seal in Class II Affected by Location/Placement Technique? M. Haddad, S. Matalon, M. Barhum, T. Brosh. Abstract O165, PER-IADR Marseille, September 2022
152. Surface Pretreatments/Proximal Box Elevation on Adhesion of CAD/CAM Materials. M. Fildisi, E. Dalkilic, B. Oglakci, Z.C. Ozduman. Abstract O200 – PER-IADR Marseille, September 2022
153. Stainless Steel Crowns Versus Composites After Primary Molars Pulpotomies: 30-Months-Results. I. Bektas, G. C. Ildes, B.I. Sezgin, O. Koyuncu, A. Mentis. Abstract P243 – PER-IADR Marseille, September 2022
154. Comparative Efficacy of Four Stain Removal Methods for Bleach-Shade Composite Resins after Immersion in Staining Solutions: An in Vitro Study. Hashemikamangar, S. S., Farahani, S., Khoshgoo, S., & Doroudgar, P. (2023). International Journal of Dentistry, 2023.
<https://doi.org/10.1155/2023/8909288>
155. Do resin-composites produce less polymerization stress than resin cements? Liberato, W., Silikas, N., Watts, D., Cavalcante, L., & Schneider, L. (2023). Dental Materials, 39, e42–e43.
<https://doi.org/10.1016/J.DENTAL.2023.08.085>
156. Physico-Mechanical Properties of Heated Composites when used for Luting Veneers. Lima, L., Aldarvis, J., Amaral, F., Turssi, C., Basting, R., Lima, A., & França, F. (2023). Dental Materials, 39, e31.
<https://doi.org/10.1016/J.DENTAL.2023.08.063>
157. Gloss and Surface Roughness of Four Resin Composites Under dry and wet Finishing and Polishing. L. Otavio da Costa Ferronato, B. Romano, J. L. Bittencourt de Abreu, M. Giannini, R. Hirata. IADR New Orleans, March 2024, Presentation Number: 1520. [Online Planner \(ativ.me\)](https://www.ativ.me)

Articles in Dental magazines





1. M. Melkers. GC America introduces GRADIA DIRECT. Dental Town, Townie Product Review, p72, June 2003 *
2. R. Nash. GRADIA DIRECT: High-end, multi-layered, esthetic restorations made easy. Dental Practice Report, p2-3, July/August 2003 *
3. J. Mc Donald. Restoring function and aesthetics with a new micro-hybrid composite. Contemporary Esthetics and Restorative Practice, September 2003.
4. R. Nash and RA Lowe. Direct Restorations Part One: Completing a Class II posterior restoration using Gradia Direct composite. Dental Products Report, Technique Section, p52-53, September 2003. *
5. R. Nash and RA Lowe. Direct Restorations Part Two: Closing an anterior diastema using Gradia Direct composite. Dental Products Report, Technique Section, p52-53, October 2003. *
6. L. Graham. A look at GC America's Gradia (Direct). Dental Equipment and Materials, p64-65, September/October 2003. *
7. L. Trost. A simple approach to esthetic dentistry utilizing GRADIA DIRECT. Dental Economics, Tip-in article, November 2003. *
8. J. Blaes. Pearls for your practice: GRADIA DIRECT by GC America. Dental Economics, December 2003.
9. G. Radz. Creating a new smile – Direct bonding with a new micro-hybrid composite resin. Contemporary esthetics and restorative practice, December 2003.
10. G. Freedman. First Impressions, GRADIA DIRECT. Dentistry Today, December 2003.
11. R. Creasman. Direct composite resins with the Gradia Direct composite system. Dental Economics, January 2004.
12. H. Strassler and R. Trushkowsky. Predictable restoration of class II preparation with composite resins. Dentistry Today, January 2004.
13. C. Goldstein. Initial case report using two new resin shades. Contemporary esthetics and restorative practice, January 2004.
14. S. Puri and T. Agarwal. Adhesive Dentistry, Restorations using the sandwich technique and GRADIA DIRECT direct composite. Dental Products Report, January 2004.
15. L. Viard. Composite pour restaurations en direct GRADIA DIRECT. Guide clinique des praticiens 2004.
16. Preferred products - Best of 2003. The Dental Advisor, January/February 2004.
17. Dr. S. Auernhammer. GC GRADIA DIRECT im Anwendertest. Dental Spiegel 1/2004.
18. Dr. G. Mörig. Die Kompositfüllung – Eine anspruchsvolle Versorgung mit GRADIA DIRECT. Teamwork SPECIAL 1/2004 p.30-34
19. D.A. Terry, K.F. Leinfelder. An integration of composite resin with natural tooth structure: the class VI restoration. Pract Proced Aesthet Dent 2004; 16(3):235-242.
20. G.E. Kirtley. Chairside: Light-cured composite resin with unique coupling agent. Compendium, July 2004 – Vol.25, No.7
21. R.A. Lowe. Minimally invasive dentistry – The "tunnel prep" revisited. Dental Products Report, June 2004, p.24-26*
22. R.A. Lowe. Morphologic and esthetic precision in the placement of Class 2 direct composites. Contemporary esthetics and restorative practice, May 2004, p.28-30*



23. M. Maroon. Simplified technique for direct composite resin restorations. Contemporary esthetics and restorative practice, June 2004, p.46-48*
24. K. Winters. A closer look at Gradia Direct. Dental Equipment & Materials, May/June 2004*
25. F.J. Milnar. Immediate, direct rehabilitation of fractured maxillary central incisors in the pediatric patient. Dentistry Today, April 2004, p.98-103*
26. H. Strassler. Composite handling and esthetics evaluation. Contemporary esthetics and restorative practice, April 2004, p.28-30*
27. N. Farès. Restoring posterior teeth – Single-shade layering using GC Gradia Direct restorative. DPRE, September 2004, p. 12-13
28. N. Farès. Simplifying esthetics – Incremental build-up using GC Gradia Direct light-cured composite restorative. DPRE, September 2005, p.36 *
29. J.T. Blank. Cosmetic bonding - Placing direct composite veneers using Gradia Direct. Dental Products Report, January 2006, p.2-3 *
30. M. Güntzel. Die erste Restauration muss perfekt sein. ZWP Spezial 10/2005 Dezember 5.Jahrgang. Interview N. Fares.
31. Model makeover – Placing direct composite veneers using Gradia Direct. J.T. Blank. DPRE, April 2006 *
32. Reality's choices – The ratings. Reality, Vol.20, 2006 *
33. N. Farès. Reconstitution antérieure esthétique utilisant une technique multi-teinte. L'Information dentaire, n°23 – 7 juin 2006
34. A.J. de Gee, C.J. Kleverlaan, M. Degrange. Retrait et contraintes de polymérisation des composites. L'information Dentaire n°34 – 11 octobre 2006
35. Update on Composites. The Dental Advisor, Vol.23, No.7, September 2006
36. W.H. Okuda. Aesthetic transitional temporization for success in cosmetic dentistry. PPAD, Vol.18, No.9.
37. Naturalanalogisches Schichten eines Frontzahns. Dr. J. de Jonge. ZMK (22) 3/06
38. Farbliches Umdenken – ästhetisches Ergebnis. Dr. J. De Jonge. ZWP Spezial 10/2006
39. Troubleshooting aesthetic dentistry. W.H. Okuda. Dentistry Today, June 2007
40. Restaurationen an Seitenzähnen mit Gradia Direct von GC. T. Wetzel. Dental Spiegel 6/7 2007
41. Gradia X-Ception! M.J. Melkers. Dentaltown May 2007
42. Effect of Intermediate Agents and Pre-heating of preparing resin on composite-repair bonds. Operative Dentistry 2007, 32-4, page 363-371.
43. Einfaches Handling und sehr gute Farbeigenschaften. Ästhetische Zahnheilkunde, 2008 nr 3.
44. GRADIA DIRECT .3-Year Clinical Performance. The Dental Advisor. May 2008, Volume 25 No 04.
45. Adhezivni sustav 7. generacije. K. von Lauchert. Dental Tribune Croatian & BiH Edition, September 2009, BR. 3/GOD.2
46. Učinkovito, brzo, estetsko. GC Gradia Direct i GC G-Bond. Dental Tribune Croatian & BiH Edition, September 2009, BR. 3/GOD.2
47. Hybrids – overview. Reality 2008
48. Reabilitarea imediată și directă a incisivilor centrali fracturați ai maxilarului la pacientul pediatric / Immediate, Direct Rehabilitation of Fractured Maxillary Central Incisors in the Pediatric Patient. F.J. Milnar. Revista Română de Medicină Dentară, Vol. XII – nr. 4/2009
49. Métodos clínicos para restauraciones estéticas en anteriores. Dr. Rosen Venelinov. MAXILLARIS, octubre 2011
50. Fluorescence : Clinical Evaluation of New Composite Resins. F.R. Duro, J.S. Andrade, S. Duarte Jr. Quintessence of Dental Technology (2012), pp. 1-12



51. Bisphenol a release: Survey of the Composition of Dental Composite Resins. E. Dursum, H. Fron-Chanouis, J.P. Attal & A. Raskin. The Open Dentistry. 2016. 10, pp. 446-453.
52. Traiter l'usure dentaire grace à une intervention minimale. S. Mehta. Dentoscope, November 2016, Nr. 168. Pp.38-47.
- 53.