

Reference list

As of 19 March 2020



G-ænial[®]
Universal Flo
from GC

High-strength injectable
restorative composite





G-aenial Universal Flo

1. 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
2. Wear resistance of new flowable composite resins. M. Nakayama, F. Fusejima, T. Kumagai and T. Sakuma. Abstract 3271 - AADR 2010, Washington DC, USA
3. 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
4. Evaluation of Vickers Hardness and Surface Roughness of Composites. I. Okada, Y. Kumashiro, D. Kita and A. Ishikawa. Abstract 2016 – IADR 2011, San Diego, USA
5. In vitro localized wear of current composite restoration materials. K.Tsubota, M. Miyazaki, W.W. Barkmeier, M.A. Latta. Abstract 1188 – IADR 2011, San Diego, USA
6. Polish Retention of a Nanohybrid Flowable Composite. J.A. Platt, M. Macpherson and B. Rhodes. Abstract 1175 – IADR 2011, San Diego, USA
7. Early No Interfacial-Gap Incidence vs. Flexural Modulus with Injectable Composites. M. Irie, Y.Tamada, Y. Maruo, G. Nishigawa, M. Oka, S. Minagi, K.Suzuki and D.C. Watts. Abstract 3203 – IADR 2011, San-Diego, USA
8. Surface characteristic of new injectable composite resin. M. Wako, M. Nakayam, T. Kumagai and T. Sakuma. Abstract 3287 – IADR 2011, San-Diego, USA
9. Volumetric Shrinkage and Mechanical Properties of Injectable Resin Composite. T. Takamizawa, Y. Ogura, H. Kurokawa, S. Ando, M. Miyazaki and M.A. Latta. Abstract 605 – IADR 2011, San-Diego, USA
10. Flowable vs restorative composites: flexural strength and fracture toughness. N.D. Ruse. Abstract 163 –IADR March 2012, Tampa, USA
11. Volumetric Polymerization Shrinkage of Flowable Dental Composites. K. Knecht, Y. Fan, A. Ripps, X. Xu. Abstract 862 – IADR March 2012, Tampa, USA
12. Thermal degradation of Universal Composite Resins. H. Tanaka, M. Nakayama, K. Ikushima, T. Kumagai, T. Sakuma. Abstract 1029 – IADR March 2012, Tampa, USA
13. Adhesion of Bulk-Filled Flowable Composites in Posterior Class I Cavities. A. Van Ende, J. De Munck, K. Van Landuyt, M. Peumans, A. Poitevin, B. Van Meerbeek. Abstract 513 – IADR Finland 2012
14. The effect of thermal degradation of new composite resin. W. Suzuki, T. Ueno, T. Kumagai, T. Sakuma. Abstract 3135 – IADR Seattle 2013.
15. Colorimetric Comparison Amongst Various Composite Brands with Identical Shade Codes. L. Moreau, J.L. Ferracane, P. Zyman, P. Jonas, J-P. Salomon. Abstract 236 – Conseuro Paris 2013
16. Evaluation of GIC-surface treatment on bond strength of resin composite. Y. Hokii, K. Tanaka, F. Fusejima, T. Sakuma. Abstract, 26th Annual Scientific Meeting of IADR-SEA, Hong Kong, 2012



17. G-aenial Bond & G-aenial Universal Flo:V Class Clinical Evaluation. M.G. Tricarico, and M. Ferrari. Abstract 68 – IADR Firenze 2013, Italy
18. G-aenial Bond+G-aenial Universal Flo in Class I and II restorations. C. Caldarella, M.G. Tricarico, and M. Ferrari. Abstract 69 – IADR Firenze 2013, Italy
19. Surface and bulk properties of dental resin-composites after solvent storage. H. Al Sunbul, N. Silikas, D.C. Watts. *Dental Materials* 32 (2016) 987-997
20. Are resin composites suitable replacements for amalgam? A study of two-body wear. D. Lazaridou, R. Belli, A. Petschelt, U. Lohbauer. *Clin Oral Invest* (2015) 19:1485-1492
21. Comparison of the wear and flexural characteristics of flowable resin composites for posterior lesions. N. Sumino, K. Tsubota, T. Takamizawa, K. Shiratsuchi, M. Miyazaki, M.A. Latta. *Acta Odontologica Scandinavica*, 2013; 71: 820-827
22. Thirty-six month clinical evaluation of a highly filled flowable composite for direct posterior restorations. Y. Kitasako, A. Sadr, M.F. Burrow, J. Tagami. *Australian Dental Journal* 2016; 61: 366-373
23. Dallas, J.C. (2012). The Ratings Flowable Composites – LightCured – Conventional. Not to be distributed.
24. Two-year clinical comparison of a flowable-type nano-hybrid composite and a paste-type composite in posterior restoration. S. Hirata-Tsuchiya, S. Yoshii, M. Ichimaru-Suematsu, A. Washio, N. Saito, M. Urata, K. Hanada, T. Morotomi, C. Kitamura. *Journal of Investigative and Clinical Dentistry* (2016), 0, 1-5
25. Surface properties and color stability of dental flowable composites influenced by simulated toothbrushing. G. Lai, L. Zhao, J. Wang, K.-H. Kunzelmann. *Dental Materials Journal* 2018; 37(5): 717-724
26. Color Stability of a New Rice Husk Composite in Comparison with Conventional Composites after Exposure to Commonly Consumed Beverages in Malaysia. Raja KK, Hari P, Chin MQK, Singbal K, Fareez IM *Int J Dent*. 2019 May 2;2019:9753431. doi: 10.1155/2019/9753431.
27. Comparative Radiopacity of Different Posterior Restorative Materials. Ergucu Z, Balci M , Güneri P , Boyacioglu HL, Turkun S. CED-IADR, Madrid, 2019
28. Clinical Report of Class II Restorations Made Using an Injectable Resin Composite. G. Corsentino, M. Ferrari. *J Dent Res J Dent Res Vol 99 (Spec Iss A): 1383*, <https://iadr2020.zerista.com/event/member/678005>, 2020
29. Comparison of occlusal wear between bulk-fill and conventional flowable resin composites. M. Ujiie, A. Tsujimoto, W.W. Barkmeier, C.A. Jurado, J. Villalobos-Tinoco, T. Takamizawa, M.A. Latta, M. Miyazaki. *American Journal of Dentistry*, Vol. 33, No.2, April 2020

Articles in Dental magazines

1. What other biomaterial has so many uses: flowables. D.A. Terry. *Teamwork* Vol.4 – n°2 March 2011
2. Flowable Composites – high strength: Gaenial Universal Flo. *Reality Now*, April 2011, Number 223, p.2
3. G-aenial Universal Flo – Editor’s Choice. *The Dental Advisor*, n°35, February 2011-09-19





4. G-aenial Universal Flo – Universal Flowable Composite, peer-to-peer product evaluation. Dental Product Shopper vol. 5 n°2, 2011 (www.dentalproductshopper.com)
5. Best Pearls of 2011. J. Blaes. Dental Economics December 2011, p.24
6. The Direct Composite Bridge: Still a Unique Solution for Some Clinical Situations. R. Lowe. Dentistry Today, May 2012.
7. What other biomaterial has so many uses: Flowables. D.A. Terry. International Dentistry – African Edition. Volume 3, n°1
8. What other biomaterial has so many uses: Flowables. D.A. Terry. Team Work Volume 4, N°2, April 2011.
9. New Flowable Resins: Good, Bad, or Just Hype? Gordon J. Christensen. Clinicians Report, Volume 6 Issue 7, July 2013.
10. G-aenial Universal Flo, GC America, Clinical Problem Solvers 2013, Dental Advisor online (<http://www.dentaladvisor.com/publications/the-dental-advisor/articles/clinical-problem-solvers-2013.shtml>)
11. “Embracing Scientific Advances”, Javier Tapia, GC Get Connected #1, pp. 12-15, 2013
12. “G-aenial Universal Flo at a glance”, with clinical case from Javier Tapia, GC Get Connected #1, pp. 20-21, 2013
13. “G-aenial Universal Flo Three-year Performance report”, GC America, The Dental Advisor, 2013
14. Restaurer sans tenon et sans couronne les dents postérieures? E. D’Incau, A. Soenen, J-P Pia. Clinic focus, Le Fil Dentaire 98 (décembre 2014).
15. A conservative post-orthodontic solution for restoring missing lateral incisors. R.A. Lowe. DPS, August (2015), pp. 4A-7A.
16. 4-year clinical performance of G-aenial Universal Flo. GC America, Inc. The Dental Advisor, 2015, 32(7), p. 12.
17. G-aenial Universal Flo – Four-year clinical performance report. The Dental Advisor, Vol. 32, No. 4, May 2015.
18. Tecnica semplificata di ricostruzione dentaria: la “modellazione fluida”. Il Dentista Moderno 13 Dic 2016, Matteo Basso
19. Restaurations en composite pour le comblement de pertes de substance dentaire érosives. T. Attin, G. Bosch, F.J. Wegehaupt, A. Mehl, A. Wiegand & U. Blunck. Quintessence Dentisterie Restauratrice et Prothèse, Novembre 2016, 10(4), pp. 281-289.
20. Cas clinique 2 : utilisation de la zircone. G. Tirlet & J.P. Attal. AO NEWS #006, pp. 8-9.
21. Les contentions esthétiques collées en méthode directe: de la théorie à la clinique. L. Dahan. AO NEWS #006, pp. 20-21.
22. Traiter l’usure dentaire grace à une intervention minimale. S. Mehta. Dentoscope, 168, PP. 38-47.
23. Travailler avec GC G-aenial Flow. Techniques cliniques. Placement des taquets avec des composites injectables. G. Holmes, Ch. Scott.
24. Clinical techniques. Attachment Placement Utilizing Injectable Composites. G. Holmes, Ch. Scott
25. Surface properties and color stability of dental flowable composites influenced



- by simulated toothbrushing. Lay G, Zhao L, Wang J, Kunzelmann K. Dental Materials Journal 2018; 37(5): 717–724. doi:10.4012/dmj.2017-233.
26. Color Stability of a New Rice Husk Composite in Comparison with Conventional Composites after Exposure to Commonly Consumed Beverages in Malaysia. Kranthi KR, Hari P, Kha Chin M, Singbal K, Fareez M. Int J Dent. 2019 May 2;2019:9753431. doi: 10.1155/2019/9753431.
27. Comparative Radiopacity of Different Posterior Restorative Materials. Ergucu Z , Balci M , Güneri P, Boyacioglu HL, Turkun S. CED-IADR, Madrid, 2019.