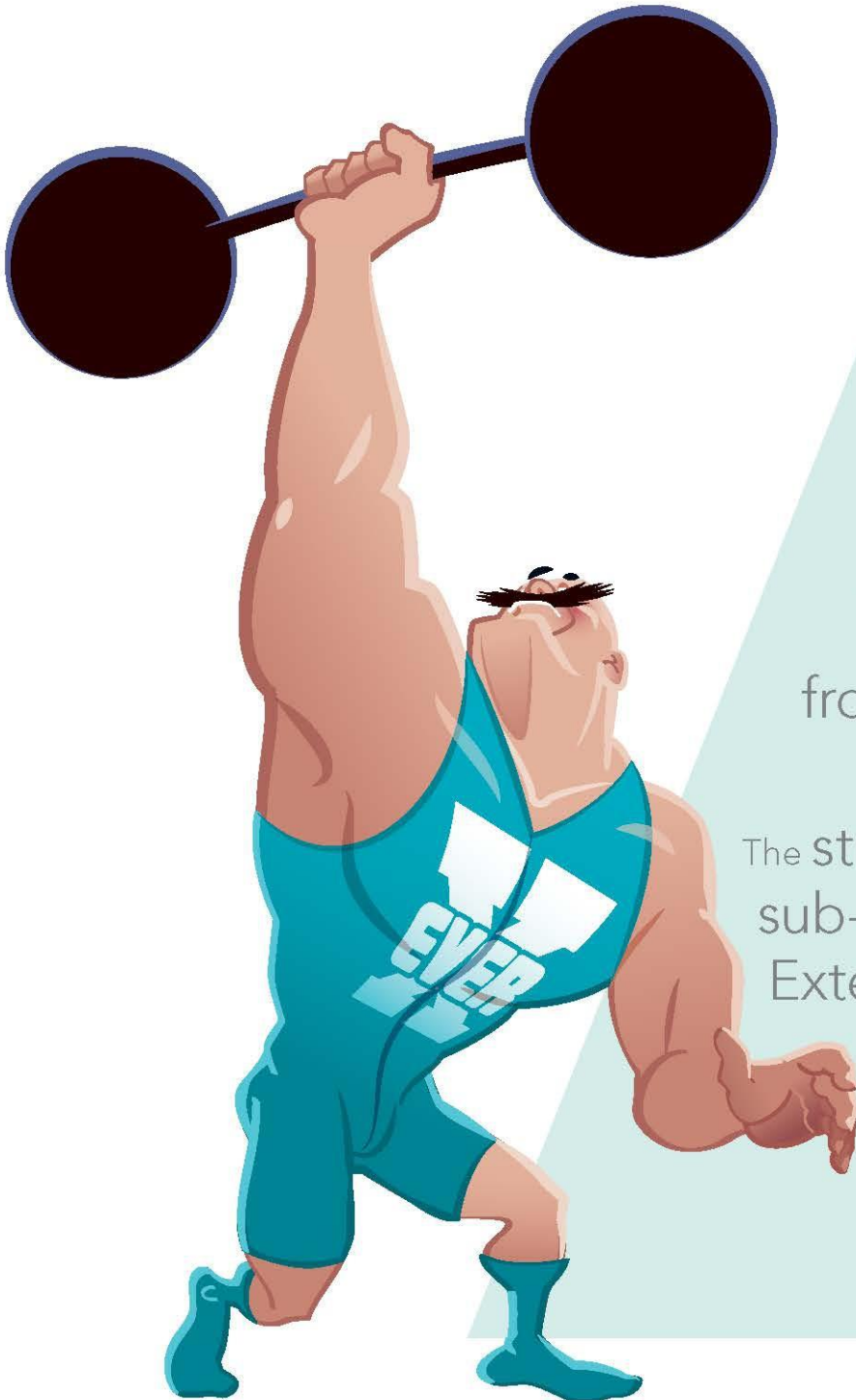
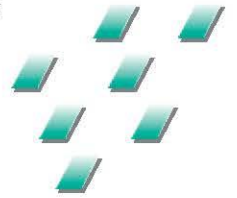


References

As of 30 August 2023



everX
Posterior™
from GC

The strongest composite
sub-structure.

Extending the limits
of direct restorations.

GC



everX Posterior™

Fiber Reinforced Composite for dentin replacement

1. Preliminary clinical evaluation of short fiber-reinforced composite in posterior teeth: 12-month report. Garoushi S, Tanner J, Vallittu PK, Lassila L. *Open Dent J.* 2012; 6:41-45.
2. Bilayered Dental Composite Resin – Load Bearing Capacity of Combinations of Fibre-Reinforced and Particulate-Filler Composite. Garoushi SK. 2006. *Annales Universitatis Turkuensis, Sarja D, osa 721.* ISBN 951-29-3135-4.
3. Load bearing capacity of fibre-reinforced and particulate filler composite resin combination. Garoushi S, Lassila LV, Tezvergil A, Vallittu PK. *J Dent* 2006; 34:179-84.
4. The effect of fiber orientation on the polymerization shrinkage strain of fiber-reinforced composites. Tezvergil A, Lassila LV, Vallittu PK. *Dent Mater* 2006; 22: 610–616.
5. Short glass fiber reinforced restorative composite resin with semi-interpenetrating polymer network matrix. Garoushi S, Vallittu PK, Lassila LV. *Dent Mater* 2007; 23:1356-62.
6. Effect of storage time on microtensile bond strength of short glass fibre - reinforced composite. Garoushi S, Vallittu PK, Lassila LVJ. *Chin J Dent Res* 2007; 10:7-11.
7. Effect of nanofiller fraction and temperature on polymerization shrinkage on glass fiber reinforced filling material. Garoushi S, Vallittu PK, Watts DC, Lassila LV. *Dent Mater* 2008; 24:606-10.
8. Polymerization shrinkage of experimental short glass fiber-reinforced composite with semi-interpenetrating polymer network matrix. Garoushi S, Vallittu PK, Watts DC, Lassila LV. *Dent Mater* 2008; 24:211-215.
9. Depth of cure and surface microhardness of experimental short fiber-reinforced composite. Garoushi S, Vallittu PK, Lassila LVJ. *Acta Odontol Scand* 2008; 66:38-42.
10. Fracture toughness, compressive strength and load bearing capacity of short glass fiber-reinforced composite resin. Garoushi S, Lassila LV, Vallittu PK. *Chi J Dent Res* 2011; 14:1 - 5.
11. Adherence of *Streptococcus mutans* to fiber-reinforced filling composite and conventional restorative materials. Lassila LV, Garoushi S, Tanner J, Vallittu PK, Soderling E. *Open Dent J* 2009; 3:227-232.
12. Effect of fiber-reinforced composite at the interface on bonding of resin core system to dentin. Cekic-Nagas I, Ergun G, Tezvergil A, Vallittu PK, Lassila LV. *Open Dent J* 2008; 5:736-743.
13. Bilayered dental composite resin. Load bearing capacity of combination of fibre-reinforced and particulate reinforced composite. Garoushi S. *Finnish Dental Journal* 2007; 3:6-7.
14. Fracture resistance of short, randomly oriented, glass fiber-reinforced composite premolar crowns. Garoushi S, Vallittu PK, Lassila LVJ. *Acta Biomater* 2007; 3: 779-784.
15. Bond strength of fiber reinforced composite substructure to restorative composites. Tanner J, Le Bell-Ronnlof A-M, Alfont G, Sailyloja E, Lassila LV, Vallittu PK. *IADR* 2011; Abstract 1993.
16. Effect of particulate nanofillers on the surface microhardness of glass-fibre-reinforced filling composite resin. Garoushi S, Vallittu PK, Lassila LV. *Chi J Dent Res* 2008; 11:20-24.
17. Static and fatigue compression test for particulate filler composite resin with fiber-reinforced composite substructure. Garoushi s, Lassila LV, Tezvergil A, Vallittu PK. *Dent Mater* 2007; 23: 17–23.



18. Fiber-reinforced composite substructure: Load-bearing capacity of an onlay restoration. Garoushi S, Lassila LV, Vallittu PK. *Acta Odontol Scand* 2006; 64:281–285.
19. Fiber-reinforced composite substructure: Load-bearing capacity of an onlay restoration and flexural properties of the material. Garoushi S, Lassila LV, Tezvergil A, Vallittu PK. *J Contemp Dent Pract* 2006; 7:1-14.
20. Fatigue strength of fragmented incisal edges restored with a fiber reinforced restorative material. Garoushi S, Lassila LV, Vallittu PK. *J Contemp Dent Pract* 2007; 8:1-10.
21. Short fiber reinforced composite: The effect of fiber length and volume fraction. Garoushi S, Lassila LV, Vallittu PK. *J Contemp Dent Pract* 2006; 7:1-10.
22. Fracture resistance of fragmented incisal edges restored with fiber-reinforced composite. Garoushi S, Ballo A, Lassila LV, Vallittu PK. *J Adhes Dent* 2006; 8: 91-95.
23. Direct restoration of severely damaged incisors using short fiber-reinforced composite resin. Garoushi S, Vallittu PK, Lassila LV. *J Dent* 2007; 35:731–736.
24. The effect of span length of flexural testing on properties of short fiber reinforced composite. Garoushi S, Lassila LV, Vallittu PK. *J Mater Sci Mater Med* 2011; 23:325-328.
25. Fracture load of tooth restored with fiber post and experimental short fiber composite. Bijelic J, Garoushi S, Vallittu PK, Lassila LV. *Open Dent J* 2011; 5:58–65.
26. Fracture behavior of structurally compromised non-vital maxillary premolars restored using experimental fiber reinforced composite crowns. Fokkinga W, Kreulen C, Le Bell AM, Lassila LV, Vallittu PK, Creugers N. *Am J Dent* 2006; 19:326–332.
27. Direct composite resin restoration of an anterior tooth: effect of fiber-reinforced composite substructure. Garoushi S, Lassila LV, Vallittu PK. *Eur J Prosthodont Restor Dent* 2007; 15:61–66.
28. Use of short fiber-reinforced composite with semi-interpenetrating polymer network matrix in fixed partial dentures. Garoushi S, Vallittu PK, Lassila LV. *J Dent* 2007; 35: 403 – 408.
29. Adherence of *S. Mutans* to fiber-reinforced-filling composite and restorative materials. Lassila LV, Garoushi S, Tanner J, Vallittu PK, Soderling E. *EADR* 2007; Abstract 0023.
30. Microhardness of a cavity base material at different light – curing depths. Le Bell-Ronnlof A-M, Tanner J, Alfont G, Sailynoja E, Lassila LV. *IADR* 2011; Abstract 1997.
31. Restoration of endodontically treated molars using fiber reinforced composite substructure. Lammi M, Tanner J, Le Bell-Ronnlof A-M, Lassila LV, Vallittu PK. *IADR* 2011; Abstract 2517.
32. Biomimetic restorative dentistry: clinical possibilities with a recently developed short fibre-reinforced composite. Keulemans F, Lassila LV, Vallittu P, De Moor R. *Conseuro* 2011; Abstract 29.
33. Continuous and short fiber reinforced composite in root post-core system of severely damaged incisors. Garoushi S, Vallittu PK, Lassila LV. *Open Dent J* 2009; 3:36-41.
34. Effect of fiber-reinforced composites on the failure load and failure mode of composite veneers. Turkaslan S, Tezvergil A, Bagis B, Vallittu PK, Lassila LV. *Dent Mater J* 2009; 5:530-536.
35. Fracture load behaviour of incisors restored with Xenius short fiber-reinforced composite. Bijelic j, Garoushi S, Vallittu P, Lassila L. *IADR* 2012; Abstract 391.
36. Fracture-Load Behaviour of Incisors Restored with Xenius Short Fiber Composite. Bijelic J. Abstract 391 – IADR Finland 2012
37. Short-Fiber Reinforced Composite: New Alternative for Direct Onlay Restoration. L. Lassila. Abstract 408 – IADR Finland 2012

38. Interpenetrating Polymer Networks (IPNs) in Dental Polymers and Composites. Matinlinna JP, Mittal KL. Adhesion Aspects in Dentistry. The Netherlands. IDC Publishers, Martinus Nijhoff Publishers and VSP. 63-74.ISBN 978-90-04-17271.
39. Clinical challenges and the relevance of materials testing for posterior composite restorations. Sarrett DC. Dent Mater. 2005 Jan;21(1):9-20.
40. Mechanical Characterization of Short fiber reinforced composite Xenius. L. Lassila, S. Garoushi, J. Bijelic, P. Vallittu. Abstract 1562 – IADR Seattle 2013
41. Physical properties and depth of cure of a new short fiber reinforced composite. S. Garoushi, E. Säilynoja, P.K. Vallittu, L. Lassila. Dental materials 29 (2013) 835–841
42. Short fiber-reinforced Composite in Restoring Severely Damaged Incisors. J. Bijelic, S. Garoushi, P.K. Vallittu, L.V.J. Lassila. Acta Odontologica Scandinavia, 2013, Early Online, 1-11
43. Quality of cure in Depth of All Commercially Available Bulk-Fill Composites. J.G. Leprince, G. Leloup. Abstract 154- Conseuro Paris 2013
44. A new Biomimetic Endocrown Design for the Restoration of Endodontically Treated Teeth. F. Keulemans, M. Leconte, G. Hommez, M. De Bruyne, P. De Coster, R. De Moor. Abstract 187 – Conseuro Paris 2013
45. The Effect of Fibers Length on the Fracture Toughness of Short Fiber Reinforced Composites. E. Säilynoja, L. Lassila, P.K. Vallittu. Abstract ADM Vancouver 2013
46. Influence of selective enamel etching on the bonding effectiveness of a new “all-in-one” adhesive. C. Goracci, C. Rengo, L. Eusepi, J. Juloski, A. Vichi, M. Ferrari. American Journal of Dentistry Vol. 26, No. 2, April, 2013
47. Evaluation of a fibre reinforced composite properties for bulk filling. H. Abouelleil, T. Munhoz, C. Villat, P. Colon, B. Grosogeat, N. Pradelle-Plasse. Abstract 207, IADR Firenze 2013
48. Microleakage Evaluation of Bulk-fill Fiber-reinforced Composite in Class II Cavities J. Juloski, C. Rengo, C. Goracci, A. Vichi, Z.R. Vulicevic, M. Ferrari. Abstract 308 –IADR Firenze 2013
49. Translucency, curing efficiency and hardness of bulk-fill composites. V. Miletic, P. Pongprueksa, J. De Munck, B. Van Meerbeek. Abstract 204 – IADR Firenze 2013
50. Bonding effectiveness of fiber-reinforced composite to dentin. T. Washino, J. de Munck, A. van Ende, A. Mine, B. van Meerbeek. Abstract 524 – IADR Firenze 2013
51. Degree of conversion of a fiber-reinforced composite measured by micro-Raman. X. Li, P. Pongprueksa, J. De Munck, B. Van Meerbeek. Abstract 535 – IADR Firenze 2013
52. Continuous and short fiber reinforced composite in root post-core system of severely damaged incisors. Garoushi, S., Vallittu, P.K. & Lassila, L.V.J. 2009: — Open Dentistry Journal 3: 36-41. [C]
53. Polymerization efficiency and flexural strength of low-stress restorative composites. C. Goracci, M. Cadenaro, L. Fontanive, G. Giangrosso, J. Juloski, A. Vichi, Marco Ferrari. Dent Mater. 2014 Jun;30(6):688-94
54. In vitro fracture resistance of molar teeth restored with a short fiber-reinforced composite material. Fráter M., Forster A, Kereszt ´uri M., Braunitzer G., Nagy K. J Dent. 2014 Sep;42(9):1143-1150.
55. The Effect of Two Bulk Fill Resin Composites on Microleakage in Endodontically Treated Teeth. S. Tuncer, M. Demirci, N. Tekçe, A. K. Tuncer, H.Gözükara Bag. The Journal of Dentist 1 (2013), 8-15
56. Fracture resistance of endodontically restored, weakened incisors. R.G.E.C. Cauwels, V.J. Lassila, L.C. Martens, P.K. Vallittu, R.M.H. Verbeeck. Dental Traumatology 2014; 30; 348-355

57. Physical Properties of a New Fiber-reinforced Composite. D. Takada, E. Säilynoja, T. Ueno, K. Ikushima, and T. Kumagai. Abstract 1155- IADR 2013
58. Short Fiber Reinforced Composite: a New Alternative for Direct Onlay Restorations. S.Garoushi, E. Mangoush, P.Vallittu and L.Lassila. The Open Dentistry Journal, 2013, 7, 181-185
59. High-aspect ratio fillers: Fiber-reinforced composites and their anisotropic properties. P.K. Vallittu. Dental Materials 31 (2015), pp. 1-7.
60. Influence of using different bonding systems and composites on the margin integrity and the mechanical properties of selectively excavated teeth in vitro. F. Schwendicke, M. Kern, C. Dörfer, J. Kleemann-Lüpkes, S. Paris, U. Blunck. Journal of Dentistry 43(2015), pp. 327-334.
61. The effect of short fiber composite base on microleakage and load-bearing capacity of posterior restorations. S.K. Garoushi, M. Hatem, L.V.J. Lassila & P.K. Vallittu. Acta Biomater Odontol Scand, 2015, pp. 1-7.
62. The effect of a fiber reinforced cavity configuration on load bearing capacity and failure mode of endodontically treated molars restored with CAD/CAM resin composite overlay restorations. G.T. Rocca, C.M. Saratti, M. Cattani-Lorente, A.J. Feilzer, S. Scherrer & I. Krejci. Journal of Dentistry (2015), pp. 1-10.
63. Comparison of mechanical properties of a new fiber reinforced composite and bulk filling composites. H. Abouelleil, N. Pradelle, C. Villat, N. Attik, P. Colon & B. Grosogeat. Restorative Dentistry & Endodontics, 2015, 40:e27, pp. 1-9.
64. Effect of load cycling on the fracture strength/mode of root canal treated teeth restored with FRC-posts or FRC-base. D. Papadogiannis, E.R. Farmakis, G. Eliades. Poster #0100, IADR 2015 Antalya
65. Physico-mechanical characteristics of commercially available bulk-fill composites. J.G. Leprince, W.M. Palin, J. Vanacker, J. Sabbagh, J. Devaux & G. Leloup. Journal of Dentistry 42 (2014), pp. 993-1000.
66. The influence of FRCs reinforcement on marginal adaptation of CAD/CAM composite resin endocrowns after simulated fatigue loading. G. T. Rocca, C.M. Saratti, A. Poncet, A.J. Feilzer & I. Krejci. Odontology. 2016 May;104(2), pp. 220-32.
67. Bonding performance and interfacial characteristics of short fiber reinforced resin composite in comparison with other composite restoratives. A. Tsujimoto, W.W. Barkmeier, T. Takamizawa, M.A. Latta & M. Miyazaki. European Journal of Oral Sciences 2016; pp. 1-8.
68. Comparative Evaluation of Microleakage of Class II Cavities Restored with Different Bulk Fill Composite Restorative Systems: An In Vitro Study. P. Patel, M. Shah, N. Agrawal, P. Desai, K. Tailor & K. Patel. Journal of Research and Advancement in Dentistry, 2016;5(2), pp. 52-62
69. In vitro fracture resistance of endodontically treated premolar teeth restored with a direct layered fiber-reinforced composite post and core. A. Forster, T. Sáry, G. Braunitzer, M. Fráter. Journal of Adhesion Science and Technology, 2016.

<http://dx.doi.org/10.1080/01694243.2016.1259758>

70. Influence of polymerisation method and type of fibre on fracture strength of endodontically treated teeth. N. Tekçe, K. Pala, S. Tuncer, M. Demirci & M.E. Serim. *Australian Endodontic Journal* 2016.
71. Comparison of Shear Bond Strength and Microleakage of Various Bulk-fill Bioactive Dentin substitutes: An in vitro Study. F.I. Alkudhairy & Z.H. Ahmad. *The Journal of Contemporary Dental Practice*, December 2016;17(12), pp. 997-1002.
72. Comparison of shear bond strength and microleakage of various bulk-fill bioactive dentin substitutes: an in vitro study. F.I. Alkudhairy & Z.H. Ahmad. *Journal of Contemporary Dental Practice*, 2016;17(12), pp. 997-1002.
73. Comparative evaluation of microleakage of class II cavities restored with different bulk fill composite restorative systems: an in vitro study. P. Patel, M. Shah, N. Agrawal, P. Desai, K. Tailor & K. Patel. *Journal of Research and Advancement in Dentistry*, 2016;5(2), pp. 52-62.
74. Mechanical Properties and Wear of Five Commercial Fibre-Reinforced Filling Materials/ S. Garoushi, P.K., Vallittu & L. Lassila. *The Chinese journal of Dental Research*. May, 2017. Volume 20, number 3. PP. 137-143
75. Evaluating the Marginal Integrity of Bulk Fill Fibre Reinforced Composites in Bio-mimetically Restored Tooth. Abstract. Patnana, A., K., Vanga, V., N., R., & Chandrabahlla, S., K. (2017). *Journal of Clinical and diagnostic research*. 11(6), pp. ZC24-ZC27. Doi.: 10.7860/JCDR/2017/27835.10049.
76. Characterization of Inorganic Filler Content, Mechanical Properties, and Light Transmission of Bulk-fill Resin Composites. Abstract. Fronza, B., M., Ayres, A., Pacheco, R., R., Rueggeberg, F., A., & Gianni, M. (2017). *Operative Dentistry*. 42(4). Pp. 445-455. Doi.: 10.2341/16-D24-L.
77. Fracture resistance of endodontically treated teeth with short fiber composite used as a core-material-An in vitro study. Abstract. Garlapati, T., G., Krithikadatta, J., & Natanasabapathy, V. (2017). *Journal of Prosthodontic Research*. 61(4). Pp. 464-470. Doi.: 10.1016/j.jpor.2017.02.001.
78. Influence of polymerization method and type of fibre on fracture strength of endodontically treated teeth. Abstract. Tekce, N., Pala, K., Tuncer, S., Demirci, M., & Serim, M., E. (2016). *Australian endodontic Journal*. Doi.: 10.1111/aej.12187.
79. Local deformation fields and marginal integrity of sculptable bulk-fill, low-shrinkage and conventional composites. Abstract. Miletic, V., Peric, D., Milosevic, M., Manojlovic, D., & Mitrovic, N. (2016). *Dental materials*. 32(11). Pp. 1441-1451. Doi.: 10.1016/j.dental.2016.09.011.
80. Leaching of monomers from bulk-fill composites: An in vitro study. Abstract. Sajnani, A., R., & Hedge, M., N. (2016). *Journal of Conservative Dentistry*. 16(5). Pp. 482-486. Doi.: 10.4103/0972-0707.190020.
81. Influence of increment thickness an dentin bond strength and light transmission of composite base materials. Abstract. Omran, T., A., Garoushi, S., Abdulmajeed, A., A., Lassila, L., V., & Vallittu, P., K. (2017). *Clinical oral investigations*. 21(5). Pp. 1717-1724. Doi.: 10.1007/s00784-016-1953-6.

82. Mechanical and structural characterization of discontinuous fiber-reinforced dental resin composite. Abstract. Bijelic-Donova, L. Garoushi, S., Lassila, L., V., Keulemans, F., & Vallittu P., K. (2016). *Journal of Dentistry*. 52. Dio.: 10.1016/j.jdent.2016.07.009.
83. Curing characteristics of flowable and sculptable bulk-fill composites. Abstract. Miletic, V., Pongprueksa, P., De Munck, J., Brooks, N., R., & Van Meerbeek, B. (2017). *Clinical oral investigations*. 21(4). Pp. 1201-1212. Doi.: 10.1007/s00784-016-1894-0.
84. Fracture Resistance of Endodontically Treated teeth restored with Bulk-fill, Bulk-fill flowable, Fiber-reinforced, and conventional Resin Composite. Abstract. Atalay, C., Yazici, A., R., Horuztepe, A., Nagas, E., Ertan, A., & Ozgunaltay, G. (2016). *Operative Dentistry*. 41(5). E131-A140.
85. Mechanical properties of fiber reinforced restorative composite with two distinguished fiber length distribution. Abstract. Lassila, L., Garoushi, S., Vallittu, P., K., & säilynoja, E. (2016). *Journal of the mechanical behavior of biomedical materials*. 60. Pp. 331-338. Doi.: 10.1016/j.jmbbm.2016.01.036.
86. Effect of fibre-reinforced composite on the fracture resistance of endodontically treated teeth. Abstract. Ozsevik, A., S., Yildirim, C., Aydin, U., Culha, E., & Surmelioglu, D. (2016). *Australian endodontic Journal*. 42(2). Pp. 82-87. Doi.: 10.1111/aej.12136.
87. Monomer conversion, microhardness, internal marginal adaptation, and shrinkage stress of bulk-fill resin composites. Abstract. Fronza, B., M., Rueggeberg, F., A., Braga, R., R., Mogilevych, B., Soares, L., E., Martin, A., A., Ambrosano, G., & Giannini, M. *Dental Materials*. 31(12). Pp. 1542-1551. Doi.: 10.1016/j.dental.2015.10.001.
88. Viscoelastic properties, creep behavior and degree conversion of bulk-fill composite resins. Abstract. Papadogiannis, D., Tolidis, K., Gerasimou, P., Lakes, R., & Papadogiannis, Y. (2015). *Dental Materials*. 31(12). Pp. 1533-1541. Doi.: 10.1016/j.dental.2015.09.022.
89. Mechanical properties, fracture resistance, and fatigue limits of short-fiber reinforced dental composite resin. Abstract. Bijelic-Donova, J., Garoushi, S., Vallittu, P., & K., Lassila, L., V. (2016). *Journal of Prosthetic Dentistry*. 115(1). Pp. 95-102. Doi.: 10.1016/j.prosdent.2015.07.012.
90. Short fibre-reinforced composite for extensive direct restorations: a laboratory and computational assessment. Abstract. Barreto, B., C., Van Ende, A., Lise, D., P., Noritomi, P., Y., Jaecques, S., Sloten, J., V., De Munck, J., & Van Meerbeek, B. (2016). *Clinical Oral Investigations*. 20(5). Pp. 959-966. Doi.: 10.1007/s00784-015-1576-3.
91. Polymerization kinetics and impact of post polymerization on the degree of conversion of bulk-fill resin-composite at clinically relevant depth. Abstract. Al-Ahdal, K., Ilie, N., Silikas, N., & Watts, D., C. (2015). *Dental Materials*. 31(10). Pp. 1207-1213. Doi.: 10.1016/j.dental.2015.07.004.
92. The effect of a fiber reinforced cavity configuration on load bearing capacity and failure mode of endodontically treated molars restored with CAD/CAM resin composite overlay restorations. Abstract. Rocca, G., T., Saratti, C., M., Cattani-Lorente, M., Feilzer, A., J., Scherrer, S., Krejci, I. (2015). *Journal of Dentistry*. 43(9). Pp. 1106-1115. Doi.: 10.1016/j.jdent.2015.06.012.
93. Oxygen inhibition layer of composite resins: effects of layer thickness and surface layer treatment on the interlayer bond strength. Abstract. Bijelic-Donova, J., Garoushin S., Lassila,

V., & Vallittu, P., K. (2015). *European Journal of Oral Sciences*. 123(1). Pp. 53-60. Doi.: 10.1111/eos.12167.

94. Effect of novel restorative materials and retention slots on fracture resistance of endodontically-treated teeth. Abstract. Yasa, B., Arslan, H., Yasa, E., Akcay, M., Hatirli, H.(2015). *Acta odontológica Scandinavica*. 74(2). Pp. 96-102. Doi.: 10.3109/00016357.2015.1046914.
95. The influence of framework design on the load-bearing capacity of laboratory-made inlay-retained fibre-reinforced composite fixed dental prostheses. Abstract. Keulemans, F., LAssila, L. V., Garoushi, S., Vilittu, P., K., Kleverlaan, C., J., & Feilzer, A., J. (2009). *Journal of biomechanics*. 42(7). Pp. 844-849. Doi. : 10.1016/j.jbiomech.2009.01.037.
96. The influence of increment thickness on light transmission, degree of conversion and micro hardness of bulk-fill composites. Abstract. Garoushi, S., Vallittu, P., Shinya, A., & Lassila, L. (2016). *Odontology*. 104(3). 291-297. Doi.: 10.1007/s10266-015-0227-0.
97. Translucency of flowable bulk-filling composites of various thicknesses. Abstract. Lassila, L., V., Nagas, E., Vallutti, P., K., & Garoushi, S. (2012). *The Chinese journal of Dental Research*. 15(1). Pp. 31-35.
98. Creep of experimental short fiber-reinforced composite resin. Abstract. Garoushi, Q., Kaleem, M., Shinya, A., Vaillittu, P., K., Sattertwate, J., D., Watts, D., C., & Lassila, L., V. (2012). *Dental Materials Journal*. 31(5). Pp. 737741.
99. Fracture behavior of single-structure fiber-reinforced composite restorations. Abstract. Nagata, K., Garoushi, S., Vallittu, P., K., Wakabayashi, N., Takahasi, H., & Lassila, L., V., J. (2016). *Acta Biomaterialia Odontologica Scandinavica*. 2(1). Pp. 118-124. Doi.: 10.1080/23337931.2016.1224670.
100. Properties of discontinuous S2-glass fiber-particulate-reinforced resin composites with two different fiber length distributions. Abstract. Huang, Q., Garoushi, S., Lin, Z., Qin, W., Liu, F., Vallittu, P., K., & Lassila, L., V. (2107). *Journal of Prosthodontic Research*. 61(4). Pp. 471-479. Doi. : 10.1016/j.jprior.2017.03.002.
101. Short fiber reinforced composite in restoring severely damaged incisors. Abstract. Bijelic, J., Garoushi, S., Vallittu, P., K., & Lassila, L., V. (2013). *Acta Odontologica Scandinavica*. 71(5). Pp. 1221-1231. Doi.: 10.3109/00016357.2012.757640.
102. Relationship between mechanical properties and bond durability of short fiber-reinforced resin composite with universal adhesive. Abstract. Tsujimoto, A., Barkmeier, W. W., Takamizawa, T., Watanabe, H., Johnson, W., W., Latta, M., & Miyazaki, M. (2016). *European Journal of Oral sciences*. 124(5). Pp. 480-489. Doi.: 10.1111/eos.12291.
103. Fracture Resistance of Premolars Restored Either with Short Fiber or Polyethylene Woven Fiber-Reinforced Composite. Abstract. Gürel MA, Helvacioğlu Kivanç B, Ekıcı A, & Alaçam T. (2016). *Journal of Esthetic and restorative dentistry*. 28(6). Pp.412-418. Doi.: 10.1111/jerd.12241.
104. Curing profile of bulk-fill resin-based composites. Abstract. Li, X., Pongprueksa, P., Van Meerbeek, B., & De Munck, J. (2015). *Journal of Dentistry*. 43(6). Pp. 664-672. Doi.: 10.1016/j.jdent.2015.01.002.
105. Bond strength of fiber posts and short fiber-reinforced composite to root canal dentin following cyclic loading. Abstract. Nagas, E., Cekic-Nagas, I., Egilmez, F., Erganu, G., Vallittu, P., K., &

Lassila, L., V., J. (2017). *Journal of Adhesion Science and Technology*. 31(13). Pp. 1397-1407. Doi.: 10.1080/01694243.2016.1257261.

106. Polymerization shrinkage kinetics and shrinkage-stress in dental resin-composites. Abstract. Al sunbul, H., Silikas, N., & Watts, D., C. (2016). *Dental Material*. 32(8). Pp. 998-1006. Doi.: 10.1016/j.dental.2016.05.006.
107. The force required fracture endodontically treated roots restored with various materials as intra-orifice barriers. Abstract. Yasa, E., Arslan, H., Yasa, B., Akcay, M., Alsancak, M., & Hatirli, H. (2017). *Journal of clinical practice*.
108. Endodontic Management of a Mandibular First Molar with Radix Entomolaris and Conservative Post-endodontic Restoration with CAD/CAM Onlay: A Novel Clinical Technique. Abstract. Yadav K, De Ataide IN, Fernandes M, Lambor R, Alreja D. (2016). *Journal of clinical and diagnostic research*. 10(11). Pp. 13-15. Doi.: 10.7860/JCDR/2016/22048.8828.
109. Fibre reinforcement in a structurally compromised endodontically treated molar: a case report. Abstract. Soares R, de Ataide Ide N, Fernandes M, Lambor R. (2016). *Restorative dentistry & endometrics*. 41(2). Pp. 143-147. Doi.: 10.5395/rde.2016.41.2.143.
110. Depth of cure of contemporary bulk-fill resin-based composites. Abstract. Yap AU, Pandya M, Toh WS. (2016). *Dental materials Journal*. 35(3). Pp. 503-510. Doi.: 10.4012/dmj.2015-402.
111. Resin-based composites show similar kinetic profiles for dimensional change and recovery with solvent storage. Abstract. Al Sunbul H, Silikas N, Watts DC. (2015). *Dental Materials*. 31(10). Pp. 201-217. Doi.: 10.1016/j.dental.2015.06.003.
112. Fracture Resistance of Endodontically Treated Teeth Restored with 2 Different Fiber-reinforced Composite and 2 Conventional Composite Resin Core Buildup Materials: An In Vitro Study. Abstract. Eapen AM, Amirtharaj LV, Sanjeev K, Mahalaxmi S. (2017). *Journal of endodontics*. 43(9). Pp. 1499-1504. Doi.: 10.1016/j.joen.2017.03.031.
113. Mechanical properties, volumetric shrinkage and depth of cure of short fiber-reinforced resin composite. Tsujimoto A, Barkmeier WW, Takamizawa T, Latta MA, Miyazaki M. (2016). *Dental Materials Journal*. (35(3). Pp. 418-424. Doi. 10.4012/dmj.2015-280.
114. Optimization of large MOD restorations: Composite resin inlays vs. short fiber-reinforced direct restorations. LM Soares, M. Razaghy, P. Magne. *Dental Materials* 34 (2018), 587-597
115. 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
116. Clinical evaluation of fiber-reinforced composite restorations in posterior teeth – results of 2.5 year follow-up. J. Tanner, M. Tolvanen, S. Garouchi, E. Säilynoja. *The Open Dentistry Journal*, 2018, 12, 476-485
117. Effect of Load Cycling on the Fracture Strength/Mode of Teeth Restored with FRC Posts or a FRC Liner and a Resin Composite. M.D. Gaintantzopoulou, E.T. Farmakis, G.C. Eliades. *BioMed Research International* Volume 2018, Article ID 9054301
118. Effect of fiber incorporation on the contraction stress of composite materials. A. Keßler, D. Kaisarly, R. Hickel, K.-H. Kunzelmann. *Clinical Oral Investigations*. <https://doi.org/10.1007/s00784-018-2572-1>
119. Mechanical properties and fracture behavior of flowable fiber reinforced composite restorations. L. Lassila, F. Keulemans, E. Säilynoja, P. Vallittu, S. Garoushi. *Dental Materials* 34 (2018) 598-606

120. The effects of different base materials on the stress distribution of the endodontically treated teeth: 3d fea. D.Halaçoğlu, K. Yamanel. *Cumhuriyet dental journal*: 2019; 22(1) e-issn 2146-2852 doi: 10.7126/ cumudj.453467
121. Fracture resistance and marginal gap formation of post-core restorations: influence of different fiber-reinforced composites. M. Fráter, L. Lassila, G. Braunitzer, P.K. Vallittu, S. Garoushi. *Clinical Oral Investigations*
<https://doi.org/10.1007/s00784-019-02902-3>. Published online 16 May 2019
122. Hardness and fracture toughness of resin-composite materials with and without fibers. A. Alshabib, N. Silikas, D.C. Watts. <https://doi.org/10.1016/j.dental.2019.05.017>
123. Fracture behavior of single-structure fiberreinforced composite restorations. K. Nagata, S.K. Garoushi, P.K. Vallittu, N. Wakabayashi, H. Takahashi, L.V.J. Lassila. *Acta Biomaterialia Odontologica Scandinavica*. ISSN: (Print) 2333-7931 (Online) Journal homepage:
<http://www.tandfonline.com/loi/iabo20>
124. Short fiber-reinforced composite restorations: A review of the current literature. S. Garoushi, A. Gargoum, P.K. Vallittu, L. Lassila. Short fiber-reinforced composite restorations: A review of the current literature. *J Invest Clin Dent*. 2018;e12330. <https://doi.org/10.1111/jicd.12330>
125. Evaluation of Fracture Resistance of Endodontically Treated Maxillary Premolars Restored with Three Different Core Materials: An In Vitro Study. Sah S, Datta K, Velmurugan N, Lakshmanan G, Karthik L. *Inter J of Oral Health and Medical Research* ISSN 2395-7387 | MARCH-APRIL 2019 | VOL 5 | ISSUE 6 31
126. Comparative Radiopacity of Different Posterior Restorative Materials. Ergucu Z, Balci M , Güneri P , Boyacioglu HL, Turkun S. CED-IADR, Madrid, 2019.
127. Fracture Strength of Various Types of Large Direct Composite and Indirect Glass Ceramic Restorations. MCFM de Kuijper, MMM Gresnigt, M van den Houten, D Haumahu, U Schepke, MS Cune. *Operative Dentistry* DOI: 10.2341/18-111-L
128. Fracture behaviour of MOD restorations reinforced by various fibre reinforced techniques – An in vitro study. T. Sáry, S. Garoushi, G. Braunitzer, D. Alleman, A. Volom, M. Fráter. *Journal of the Mechanical Behavior of Biomedical Materials* 98 (2019) 348–356 (Corrigendum attached to the PDF).
129. IR Laser/Blue LED Light Transmission Through Commercial Composites. Rueggeberg F et al. IADR, Vancouver, 2019.
130. Effect of Cyclic Fatigue Conditions on Composite Core Build-up Materials. Cimic S, et al. IADR, Vancouver, 2019.
131. Fracture Strength of Fiber-Reinforced-composite Direct Restoration in Extended MOD. Tempesta R, et al. IADR, Vancouver, 2019.
132. Resistencia a la fractura de los pernos y restauraciones reforzadas con fibra de vidrio. C. Cueva Romero. 40th National Congress of Spanish Endodontic Association AEDE- Valencia 31 Oct-2 Nov 2019
133. Fiber Reinforcement of Endodontically Treated Teeth: What Options Do We Have? S. Garouchi et al. *Eur J Prosth Rest Dent*. Ahead of publishing.

134. Color stability of bulk-fill and universal composite restorations with dissimilar dentin replacement materials. V. Miletic, J. Marjanovic, D.N. Veljovic, J.N. Stasic, V. Petrovic. *Journal of Esthetic and Restorative Dentistry*, Vol 31, Issue 5. 3 October 2019
<https://doi.org/10.1111/jerd.12529>
135. Effect of Fiber-Reinforced Composite and Elastic Post on the Fracture Resistance of Premolars with Root Canal Treatment—An In Vitro Pilot Study. J. Mena-Álvarez, R. Agustín-Panadero, A. Zubizarreta-Macho. *Appl. Sci.* 2020, 10, 7616; doi:10.3390/app10217616
136. Comparison of fracture resistance of endodontically treated mandibular first molars restored with different reinforcing materials with and without cusp capping. Singh VJ, Mantri SP, Paul B, Dube KA, Gupta N, Ghosh S. *Endodontology* 2021;33:176-81
137. Effect of Fiber Reinforcement Type on the Performance of Large Posterior Restorations: A Review of In Vitro Studies. E. Mangoush, S. Garoushi, L. Lassila, P.K. Vallittu, E. Säilynoja. *Polymers* 2021, 13, 3682. <https://doi.org/10.3390/polym13213682>
138. Evaluation of Wear Properties of Four Bulk-Fill Composites: Attrition, Erosion, and Abrasion. F. Asadian, Z. Shahidi, Z. Moradi. *BioMed Research International*. Volume 2021, Article ID 8649616, 8 pages. <https://doi.org/10.1155/2021/8649616>
139. Physical and mechanical characteristics of short fiber-reinforced resin composite in comparison with bulk-fill composites Shiva Jafarnia¹), Alireza Valanezhad¹), S. Shahabi, S. Abe, I. Watanabe. *Journal of Oral Science*, Vol. 63, No. 2, 148-151, 2021
140. Effect of Accelerated Aging on Some Mechanical Properties and Wear of Different Commercial Dental Resin Composites. Oja J, Lassila L, Vallittu PK, Garoushi S. *Materials (Basel)*. 2021 May 23;14(11):2769
141. Microtensile Bond Strength of Fiber-Reinforced and Particulate Filler Composite to Coronal and Pulp Chamber Floor Dentin. A. Baraba, S. Cimic, M. Basso, A.C. Ionescu, E. Brambilla, I. Miletic. *Materials* 2021, 14, 2400. <https://doi.org/10.3390/ma14092400>
142. Material behavior of resin composites with and without fibers after extended water storage A. Alshabib, H. Algamaiah, N. Silikas, D. Watts. *Dental Materials Journal* 2021; 40(3): 557–565.
143. Effect of food-simulating solvents on flexural properties of bulk-fill resin composites. Hanadi Y. Marghalani. *Journal of Oral Science*, Vol. 63, No. 1, 31-36, 2021
144. Comparative Evaluation of the Surface Hardness of Different Esthetic Restorative Materials: An In Vitro Study. Anoop Samuel , Rinsa Raju , K. B. Sreejith , Binitha M. Kalathil , Deepthi Nenavath , V. S. Chaitra. *J Pharm Bioall Sci* 2020;12:S124-8.
145. Evaluation of physical properties of fiber-reinforced composite resin. Suzaki N, Yamaguchi S, Hirose N, Tanaka R, Takahashi Y, Imazato S, Hayashi M. *Dent Mater.* 2020 Aug;36(8):987-996
146. Compressive Strength of Dental E-Glass Microfiber-Reinforced Composite Resin in Mouthwash Immersion. Sunarintyas S, Affandi RF, Widjijono W. *Key Engineering Materials* 2020;840:300–4
147. R-curve behavior of a short-fiber reinforced resin composite after water storage. Tiu J, Belli R, Lohbauer U. *J Mech Behav Biomed Mater* 2020;104:103674.
148. Hardness and fracture toughness of resin-composite materials with and without fibers. Alshabib A, Silikas N, Watts DC. *Dent Mater* 2019;35(8):1194–1203

149. The Fracture Resistance of Fiber Reinforced Composite Restorative Material has Higher Yield than Nanohybrid Resin Composite. C S Kurniawati, D Rachmawati, D Mas'adah. Journal of Physics, Conf. Series 1073 (2018) 052019
150. Effect of resin thickness and light-curing distance on the diametral tensile strength of short fibre-reinforced resin composite. M Medikasari, E Herda, B Irawan. J. Phys.: Conf. Ser. 2018: 1073 052015
151. Simulated cuspal deflection and flexural properties of high viscosity bulk-fill and conventional resin composites. Tsujimoto A, Nagura Y, Barkmeier WW, Watanabe H, Johnson WW, Takamizawa T, Latta MA, Miyazaki M. J Mech Behav Biomed Mater 2018 Jul 26;87:111-118.
152. Comparative evaluation of wear resistance of cast gold with bulk-fill composites an in vitro study. Kumar A, Sarthaj AS, Majumder DS. J Conserv Dent 2018 May-Jun;21(3):302-305.
153. Evaluation of Mechanical Properties of Newer Nanoposterior Restorative Resin Composites: An In vitro Study. Meenakumari C, Bhat KM, Bansal R, Singh N. Contemp Clin Dent 2018 Jun;9 (Suppl 1):S142-S146.
154. Physicochemical properties of discontinuous S2-glass fiber reinforced resin composite. Huang Q, Qin W, Garoushi S, He J, Lin Z, Liu F, Vallittu PK, Lassila LVJ. Dent Mater J. 2018 Jan 30;37(1):95-103.
155. Resistance curves of short-fiber reinforced methacrylate-based biomedical composites. M. Wendler, R. Belli, M. Schachtner, G. Amberger, A. Petschelt, T. Fey, U. Lohbauer. Engineering Fracture Mechanics 2018;190: 146–158.
156. Characterization of Inorganic Filler Content, Mechanical Properties, and Light Transmission of Bulk-fill Resin Composites. B M Fronza, Apa Ayres, R R Pacheco, F A Rueggeberg, Cts Dias, M Giannini. Oper Dent. Jul/Aug 2017;42(4):445-455.
157. Evaluation of different fibers and biodentine as alternates to crown coverage for endodontically treated molars: An *in vitro* study. H. Hiremath, S. Kulkarni, V. Hiremath, M. Kotipalli. J Conserv Dent. 2017 Mar-Apr; 20(2): 72–75.
158. Mechanical Properties and Wear of Five Commercial Fibre-Reinforced Filling Materials. Garoushi S, Vallittu PK, Lassila L. Chin J Dent Res 2017;20(3):137-143.
159. Properties of discontinuous S2-glass fiber-particulate-reinforced resin composites with two different fiber length distributions. Huang Q, Garoushi S, Lin Z, He J, Qin W, Liu F, Vallittu PK, Lassila LV. J Prosthodont Res 2017 Oct;61(4):471-479.
160. Mechanical and structural characterization of discontinuous fiber-reinforced dental resin composite. Bijelic-Donova J, Garoushi S, Lassila LV, Keulemans F, Vallittu PK. J Dent. 2016 Sep;52:70-8.
161. Relationship between mechanical properties and bond durability of short fiber-reinforced resin composite with universal adhesive. Tsujimoto A, Barkmeier WW, Takamizawa T, Watanabe H, Johnson WW, Latta MA, Miyazaki M. Eur J Oral Sci. 2016 Oct;124(5):480-489.
162. Mechanical properties of fiber reinforced restorative composite with two distinguished fiber length distribution. Lassila L, Garoushi S, Vallittu PK, Säilynoja E. J Mech Behav Biomed Mater. 2016 60:331-338.

163. Mechanical properties, fracture resistance, and fatigue limits of short fiber reinforced dental composite resin. Bijelic-Donova J, Garoushi S, Vallittu PK, Lassila LV. *J Prosthet Dent* 2016 Jan;115(1):95-102.
164. Surface and bulk properties of dental resin- composites after solvent storage. Sunbul HA, Silikas N, Watts DC. *Dent Mater.* 2016 Aug;32(8):987-97.
165. Mechanical properties, volumetric shrinkage and depth of cure of short fiber-reinforced resin composite. Tsujimoto A, Barkmeier WW, Takamizawa T, Latta MA, Miyazaki M. *Dent Mater J* 2016;35(3):418-424.
166. Effect of aging on the flexural strength and fracture toughness of a fiber reinforced composite resin versus two nanohybrid composite resin. Abdul-Monem MM, El-Gayar IL, Al-Abbassy FH. *Alexandria Dental Journal.* 2016; 41:328-335.
167. Leaching of monomers from bulk-fill composites: An in vitro study. Ankit Rajesh Sajani, Mithra Nidharsh Hegde. *J Conserv Dent.* Sep-Oct 2016;19(5):482-6.
168. Comparison of mechanical properties of a new fiber reinforced composite and bulk filling composites. Abouelleil H, Pradelle N, Villat C, Attik N, Colon P, Grosogeat B. *Restor Dent Endod.* 2015 Nov;40(4):262-70.
169. Polymerization efficiency and flexural strength of low-stress restorative composites. Goracci C, Cadenaro M, Fontanive L, Giangrosso G, Juloski J, Vichi A, Ferrari M. *Dent Mater.* 2014 Jun;30(6):688-94.
170. Physical properties and depth of cure of a new short fiber reinforced composite. Garoushi S, Säilynoja E, Vallittu PK, Lassila L. *Dent Mater.* 2013 Aug;29(8):835-41.
171. Fracture toughness, compressive strength and load-bearing capacity of short glass fibre-reinforced composite resin. Garoushi S, Vallittu PK, Lassila LV. *Chin J Dent Res.* 2011;14(1):15-9.
172. Effect of particulate nanofiller on the surface microhardness of glass fiber reinforced filling composite. Garoushi S, Vallittu PK, Lassila LV. *The Chinese Journal of Dental Research* 2008; 11:20-24.
173. Short glass fiber-reinforced composite with a semi-interpenetrating polymer network matrix for temporary crowns and bridges. Garoushi SK, Vallittu PK, Lassila LV. *J Contemp Dent Pract.* 2008 Jan 1;9(1):14-21.
174. Fiber reinforced particulate filler composite resin. Garoushi S. *Finnish Dental Journal (Suomen Hammaslääkärilehti* 2007; 3:100-101).
175. Static and fatigue compression test for particulate filler composite resin with fiber-reinforced composite substructure. Garoushi S, Lassila LV, Tezvergil A, Vallittu PK. *Dent Mater.* 2007 Jan;23(1):17-23.
176. Short glass fiber reinforced restorative composite resin with semi-inter penetrating polymer network matrix. Garoushi S, Vallittu PK, Lassila LV. *Dent Mater.* 2007 Nov;23(11):1356-62.
177. Load bearing capacity of fibre-reinforced and particulate filler composite resin combination. Garoushi S, Lassila LV, Tezvergil A, Vallittu PK. *J Dent.* 2006 Mar;34(3):179-84.

178. Analysis of marginal integrity in dentistry composite fillings with flow layer under compression test. Ostapiuk M, Tarczydło J, Łuszczewska-Sierakowska I, Śledź R, Tymczyzna-Borowicz B. *Microsc Res Tech.* 2021 Jul;84(7):1442-1450
179. Microleakage evaluation of different types of bulkfill composites on enamel and cement. Kutuk ZB, Guney T, Yazici AR. *Clin Dent Res* 2019; 43(3): 100-109
180. Effect of fiber incorporation on the contraction stress of composite materials. A. Keßler, D. Kaisarly, R. Hickel, K.-H. Kunzelmann. *Clin Oral Investig.* 2019 Mar;23(3):1461-1471
181. Polymerization Shrinkage of Five Bulk-Fill Composite Resins in Comparison with a Conventional Composite Resin. Abbasi M, Moradi Z, Mirzaei M, Kharazifard MJ, Rezaei S. *J Dent (Tehran).* 2018 Nov;15(6):365-374.
182. A comparative study of bulk-fill composites: degree of conversion, post-gel shrinkage and cytotoxicity. Gonçalves F, Campos LMP, Rodrigues-Júnior EC, Costa FV, Marques PA, Francci CE, Braga RR, Boaro LCC. *Braz Oral Res.* 2018 Mar 8;32:e17.
183. Evaluating the Marginal Integrity of Bulk Fill Fibre Reinforced Composites in Bio-mimetically Restored Tooth. Patnana AK, Vanga VNR, Chandrabhatla SK. *J Clin Diagn Res.* 2017 Jun;11(6):ZC24-ZC27.
184. Local deformation fields and marginal integrity of sculptable bulk-fill, low-shrinkage and conventional composites. Miletic V, Peric D, Milosevic M, Manojlovic D, Mitrovic N. *Dent Mater.* 2016 Nov;32(11):1441-1451.
185. Polymerization shrinkage kinetics and shrinkage-stress in dental resin-composites. Al Sunbul H, Silikas N, Watts DC. *Dent Mater.* 2016 Aug;32(8):998-1006.
186. Comparative Evaluation of Microleakage of Class II Cavities Restored with Different Bulk Fill Composite Restorative Systems: An In Vitro Study. P. Patel, M. Shah, N. Agrawal, P. Desai, K. Tailor, K. Patel. *J Res Adv Dent* 2016;5:2:52-62.
187. The influence of FRCs reinforcement on marginal adaptation of CAD/CAM composite resin endocrowns after simulated fatigue loading. G. T. Rocca, C.M. Saratti, A. Poncet, A.J. Feilzer, I. Krejci. *Odontology.* 2016 May;104(2):220-32.
188. The effect of short fiber composite base on microleakage and load-bearing capacity of posterior restorations. Garoushi SK, Hatem M, Lassila LVJ, Vallittu PK. *Acta Biomater Odontol Scand.* 2015 Apr 14;1(1):6-12.
189. Monomer conversion, microhardness, internal marginal adaptation, and shrinkage stress of bulk-fill resin composites. B.M. Fronza, F.A. Rueggeberg, R.R. Braga, B.Mogilevych, L. E. Silva Soares, A. Abrahão Martin, G. Ambrosano, M. Giannini. *Dent Mater.* 2015 Dec;31(12):1542-51.
190. Microleakage of glass-ionomer, flowable composite, biodentine and fiber-reinforced base materials. Boutsiouki C, Tolidis K, Gerasimou P, Panagiotidou E. *Dent Mater.* 2014;30s:e1-e180.
191. Physical properties and depth of cure of a new short fiber reinforced composite. Garoushi S, Säilynoja E, Vallittu PK, Lassila L. *Dent Mater.* 2013 Aug;29(8):835-41.
192. Polymerization shrinkage of experimental short glass fiber-reinforced composite with semi-interpenetrating polymer network matrix. Garoushi S, Vallittu PK, Watts DC, Lassila LV. *Dent Mater.* 2008 Feb;24(2):211-5

193. Degree of conversion and in vitro temperature rise of pulp chamber during polymerization of flowable and sculptable conventional, bulk-fill and short-fibre reinforced resin composites. E. Lempel, Z. Óri, D. Kincses, B. Viktor Lovász, S. Kunsági-Máté, J. Szalma. *Dent Mater.* 2021 Jun;37(6):983-997
194. Color stability of bulk-fill and universal composite restorations with dissimilar dentin replacement materials. Miletic V, Marjanovic J, Veljovic DN, Stasic JN, Petrovic V. *J Esthet Restor Dent* 2019;31:520-528.
195. Effect of exposure time and pre-heating on the conversion degree of conventional, bulk-fill, fiberreinforced and polyacid-modified resin composites. Lempel E, Óri Z, Szalma J, Lovász BV, Kiss A, Tóth Á, Kunsági-Máté S. *Dent Mater.* 2019 Feb;35(2):217-228.
196. Influences of short-fibre-reinforced resin composite thickness and curing time on its hardness and depth of cure. S Muchlisya, E Herda, B Irawan. *IOP Conf. Series: Journal of Physics: Conf. Series* 1073 (2018) 052004.
197. Curing characteristics of flowable and sculptable bulk-fill composites. Miletic V, Pongprueksa P, De Munck J, Brooks NR, Van Meerbeek B. *Clin Oral Investig.* 2017 May;21(4):1201-1212.
198. Influence of increment thickness on dentin bond strength and light transmission of composite base materials. Omran TA, Garoushi S, Abdulmajeed AA, Lassila LV, Vallittu PK. *Clin Oral Investig.* 2017 Jun;21(5):1717-1724.
199. Effect of short glass fibers on the polymerization shrinkage stress of dental composite. Shouha PSR, Ellakwa AE. *J Biomed Mater Res B Appl Biomater.* 2017 Oct;105(7):1930-1937.
200. Influence of increment thickness on light transmission, degree of conversion and micro hardness of bulk fill composites. Garoushi S, Vallittu P, Shinya A, Lassila L. *Odontology.* 2016 Sep;104(3):291-7.
201. The Effect of Composition, Temperature and Post-Irradiation Curing of Bulk Fill Resin Composites on Polymerization Efficiency. Dionysopoulou D, Tolidisa K, Gerasimou P. *Materials Research.* 2016; 19(2): 466-473.
202. Viscoelastic properties, creep behavior and degree of conversion of bulk fill composite resins. Papadogiannis D, Tolidis K, Gerasimou P, Lakes R, Papadogiannis Y. *Dent Mater.* 2015 Dec;31(12):1533-41.
203. Polymerization kinetics and impact of post polymerization on the Degree of Conversion of bulk-fill resin-composite at clinically relevant depth. Al-Ahdal K, Ilie N, Silikas N, Watts DC. *Dent Mater.* 2015 Oct;31(10):1207-13.
204. Curing profile of bulk-fill resin-based composites. Li X, Pongprueksa P, Van Meerbeek B, De Munck J. *J Dent.* 2015 Jun;43(6):664-72.
205. Polymerization efficiency and flexural strength of low-stress restorative composites. Goracci C, Cadenaro M, Fontanive L, Giangrosso G, Juloski J, Vichi A, Ferrari M. *Dent Mater.* 2014 Jun;30(6):688-94.
206. Translucency of flowable bulk-filling composites of various thicknesses. Lassila LV, Nagas E, Vallittu PK, Garoushi S. *Chin J Dent Res.* 2012;15(1):31-5.
207. Depth of cure and surface microhardness of experimental short fiber-reinforced composite. Garoushi S, Vallittu PK, Lassila LV. *Acta Odontol Scand.* 2008 Feb;66(1):38-42.

208. Oxygen inhibition layer: A dilemma to be solved. Panchal AC, Asthana G. *J Conserv Dent.* 2020 May-Jun;23(3):254-258.
209. Bonding interface affects the load-bearing capacity of bilayered composites. Omran T, Garoushi S, Shinya A, Lassila L, Vallittu PK. *Dent Mater J* 2019; 38:1002-1011.
210. Original and Repair Bulk Fracture Resistance of Particle Filler and Short Fiber-Reinforced Composites. Bijelic-Donova J, Uctasli S, Vallittu PK, Lassila L. *Oper Dent.* 2018 Sep/Oct;43(5):E232-E242.
211. Push-out bond strength of intra-orifice barrier materials: Bulk-fill composite versus calcium silicate cement. Özyurek T, Uslu G, Yilmaz K. *J Dent Res Dent Clin Dent Prospects.* 2018;12(1):6-11.
212. Evaluation of the effect of different post materials and adhesive systems on the bonding strength of short-post technique for primary teeth. Beldüz Kara N, Kanyılmaz T, Çankaya S, Kara C. *Int J Paediatr Dent.* 2018 Mar;28(2):239-248.
213. Bond strength of fiber posts and short fiber-reinforced composite to root canal dentin following cyclic loading. Nagas E, Cekic-Nagas I, Egilmez F, Ergun G, Vallittu PK & Lassila L. *Journal of Adhesion Science and Technology* 2017; 31:1397-1407.
214. Bonding performance and interfacial characteristics of short fiber-reinforced resin composite in comparison with other composite restoratives. Tsujimoto A, Barkmeier WW, Takamizawa T, Latta MA, Miyazaki M. *Eur J Oral Sci.* 2016 Jun;124(3):301-8.
215. Comparison of Shear Bond Strength and Microleakage of Various Bulk-fill Bioactive Dentin substitutes: An in vitro Study. Alkhudhairy FI, Ahmad ZH. *J Contemp Dent Pract.* 2016 Dec 1;17(12):997-1002.
216. Relationship between mechanical properties and bond durability of short fiber-reinforced resin composite with universal adhesive. Tsujimoto A, Barkmeier WW, Takamizawa T, Watanabe H, Johnson WW, Latta MA, Miyazaki M. *Eur J Oral Sci.* 2016 Oct;124(5):480-489.
217. Oxygen inhibition layer of composite resins: effects of layer thickness and surface layer treatment on the interlayer bond strength. Bijelic-Donova J, Garoushi S, Lassila LV, Vallittu PK. *Eur J Oral Sci.* 2015 Feb;123(1):53-60.
218. Effect of storage time on microtensile bond strength of short glass fiber-reinforced composite. Garoushi S, Vallittu PK, Lassila LVJ. *The Chinese Journal of Dental Research.* 2007; 10:7-10.
219. Effect of restorative technique on the fracture strength and fracture mode of premolars after mineral trioxide aggregate pulpotomy. F. Shafiei, Y. Ghahramani, H. Farhadpour, N. Asim. *Gen Dent.* May-Jun 2021;69(3):46-51.
220. Effect of cervical lesion centered access cavity restored with short glass fibre reinforced resin composites on fracture resistance in human mandibular premolars in vitro study. D.P. Shilpa-Jain, J. Krithikadatta, D. Kowsky, V. Natanasabapathy. *J Mech Behav Biomed Mater.* 2021 Oct;122:104654
221. Effect of different fiber-reinforced solutions on fracture strength and pattern of endodontically treated molars. Riccardo MT, Massimo SC, Tommaso R, Damiano P, Mario A, Andrea B, Allegra C, Nicola S. *Int J Prosthodont.* 2021 Feb 23.

222. Comparative evaluation of fracture resistance of endodontically treated premolars with one remaining cavity wall restored using different techniques and materials: An *in vitro* study. A. Taherali Taheri, A. Ikhar, P. Prashant Nikhade, G. Tawani, A. Patel, Z. Ali. Saudi Endod J 2021;11:36-41.
223. Comparison of fracture resistance of endodontically treated mandibular first molars restored with different reinforcing materials with and without cusp capping. Vaishnavi J Singh, Shivkumar P Mantri, Bonny Paul, Kavita A Dube, Nishikumari Gupta, Sayantani Ghosh Endodontology 2021;33:176-81.
224. Comparative Evaluation of Fracture Resistance of Endodontically Treated Teeth Restored with Different Core Build-up Materials: An In Vitro Study. B. Kaur, S. Gupta, R. Grover, G. Sadana, T. Gupta, M. Mehra. Int J Clin Pediatr Dent Jan-Feb 2021;14(1):51-58.
225. Evaluation of two CAD/CAM materials for Nayar core and post-retained restorations: Three dimensional stress analysis. Ulusoy N, Gulec Alagoz L. J Mech Behav Biomed Mater. 2021 Feb 5;117:104381
226. Can fiber-reinforced resin composites alone substitute adhesively luted intraradicular post and core materials under static and dynamic loading? T.P. Casanova, M. Özcan. Journal of Adhesion Science and Technology, DOI:10.1080/01694243.2021.1872194
227. Evaluation of Fracture Strength and Total Void Amount in Composite Restorations on Endodontically Treated Teeth. N. Tekçe , S. Aydemir , M. Demirci , S. Tuncer , S. Bozkaya , E. Sevilay Yıldırım , Ş. Akman. ODOVTOS-Int. J. Dent. Sc. | ISSN: 2215-3411. 262
228. Fracture Resistance of Teeth Restored with Bulk-Fill and Fiber-Reinforced Composites in Class II Cavities. G. Keskin , Z. U. Gündoğar , G. Burak Tek. Odovtos vol.23 n.2 San José May./Aug. 2021
229. Effect of Inlays, Onlays and Endocrown Cavity Design Preparation on Fracture Resistance and Fracture Mode of Endodontically Treated Teeth: An In Vitro Study. Kassis C, Khoury P, Mehanna CZ, Baba NZ, Bou Chebel F, Daou M, Hardan L. J Prosthodont. 2021 Aug;30(7):625-631
230. Fracture Behavior of Short Fiber-Reinforced Direct Restorations in Large MOD Cavities. M. Fráter, T. Sáry, E. Vincze-Bandi, A. Volom, G. Braunitzer, B. Szabó, S. Garoushi, A. Forster. Polymers (Basel). 2021 Jul; 13(13): 2040.
231. Assessing Fracture Resistance of non-Vital Teeth Using Two Different Composite Systems: Short-Fibre-Reinforced Composite and Glass Fibre Post with Microfilled Hybrid Composite. S. Cîmpean, I-S Pop-Ciutřila, S. Buduru, L. Pavel, D Florentina Florea, A. Delean, M. Moldovan, M. Dudescu, S. Berbece, D. Voinescu, A. Beznea, M. Negucioiu, V. Ştefănescus Mater. Plast., 57 (4), 2020, 286-296
232. Comparative Evaluation of Short Fiber-reinforced Composite Resin Thickness on Fracture Resistance of Class II Composite Restoration: An *In Vitro* Study. C. Hartanto, W. Farahanny, D. Dennis. J Contemp Dent Pract. 2020 Nov 1;21(11):1201-1204.
233. Effect of Fiber-Reinforced Composite and Elastic Post on the Fracture Resistance of Premolars with Root Canal Treatment—An In Vitro Pilot Study. Mena-Álvarez J, Agustín-Panadero R and Zubizarreta-Macho A. Appl. Sci. 2020, 10, 7616
234. 3D Interfacial Gap and Fracture Resistance of Endodontically Treated Premolars Restored with Fiber-reinforced Composites. N. Scotti, R. Michelotto Tempesta, D. Pasqualini, A. Baldi, E.A. Vergano, P. Baldissara, M. Alovisei, A. Comba. J Adhes Dent. 2020;22(2):215-224.

235. Performance of fibre reinforced composite as a post-endodontic restoration on different endodontic cavity designs— an in-vitro study. Shah S, Shilpa-Jain DP, Velmurugan N, Sooriaparkas C, Krithikadatta J. *J Mech Behav Biomed Mater* 2020; 104:103650.
236. Direct bilayered biomimetic composite restoration: The effect of a cusp-supporting short fiber-reinforced base design on the chewing fracture resistance and failure mode of molars with or without endodontic treatment. Bijelic-Donova J, Keulemans F, Vallittu PK, Lassila L. *J Mech Behav Biomed Mater* 2020;103:103554.
237. Fracture resistance and marginal gap formation of post-core restorations: influence of different fiber-reinforced composites. Fráter M, Lassila L, Braunitzer G, Vallittu PK, Garoushi S. *Clin Oral Investig* 2020;24:265-276.
238. The effect of two bulk-fill resin composites on fracture resistance of endodontically treated teeth. Tuncay Ö, Üstun Ö. *Cumhuriyet Dental Journal*: 2019; 22(3):345-350.
239. Comparison of the fracture resistance of three different recent composite systems in large Class II mesio-occlusal distal cavities: An in vitro study. Y. Singh Hada, S. Panwar. *J Conserv Dent*. May-Jun 2019;22(3):287-291.
240. Fracture behavior of root-amputated teeth at different amount of periodontal support - a preliminary in vitro study. Szabó B, Garoushi S, Braunitzer G, Szabó P B, Baráth Z, Fráter M. *BMC Oral Health* 2019;19(1):261.
241. Fracture behaviour of MOD restorations reinforced by various fibre reinforced techniques – An in vitro study. Sáry T, Garoushi S, Braunitzer G , Alleman D, Volom A , Fráter M. *J Mech Behav Biomed Mater* 2019;98:348-356.
242. The effects of different base materials on the stress distribution of the endodontically treated teeth: 3D FEA. Halacoglu DM and Yamanel K. *Cumhuriyet Dental Journal*. 2019;22(1):56-65.
243. Effect of interface design on fracture behavior of bi-layered composites. Omran T, Garoushi S, Lassila L, Vallittu PK. *Eur J Oral Sci* 2019;127(3):276–284.
244. Fracture Strength of Various Types of Large Direct Composite and Indirect Glass Ceramic Restorations. de Kuijper M, Gresnigt M, van den Houten M, Haumahu D, Schepke U, Cune MS. *Oper Dent* 2019;44(4):433–442.
245. Effect of Different Liners on Fracture Resistance of Premolars Restored with Conventional and Short Fiber-Reinforced Composite Resins. Shafiei F, Doozandeh M, Ghaffaripour D. *J Prosthodont* 2019;28:304-309.
246. The Effects of Endodontic Access Cavity Preparation Design on the Fracture Strength of Endodontically Treated Teeth: Traditional Versus Conservative Preparation. Taha Özyürek, Özlem Ülker, Ebru Özsezer Demiryürek, Fikret Yılmaz. *J Endod*. 2018 May;44(5):800-805.
247. Evaluation of Fracture Resistance of Endodontically Treated Maxillary Premolars Restored with Three Different Core Materials: An In Vitro Study. Sri Prakash Sah, Krithika Datta, N. Velmurugan, G. Lakshmanan, L. Karthik. *Int J Oral Health Med Res* 2018;5:31-37.
248. Effect of Load Cycling on the Fracture Strength/Mode of Teeth Restored with FRC Posts or a FRC Liner and a Resin Composite. M.D. Gaintantzopoulou, E.T. Farmakis, G.C. Eliades. *Biomed Res Int* 2018;2018:9054301.
249. Fracture Resistance of a Fiber Reinforced Composite Substructure with Nanofilled Composite Overlay. Shah JR and Raghavendra SS. *Oral Health and Dentistry* 3.1 (2018): 567-573.

250. Optimization of large MOD restorations: Composite resin inlays vs. short fiber-reinforced direct restorations. Soares LM, Razaghy M, Magne P. *Dent Mater* 2018;34:587-597.
251. Load-bearing capacity of novel resin-based fixed dental prosthesis materials. Cekic-Nagas I, Egilmez F, Ergun G, Vallittu PK, Lassila LVJ. *Dent Mater J.* 2018 Jan 30;37(1):49-58.
252. Evaluation of Fracture Resistance of Endodontically Treated Maxillary Premolars Restored with Three Different Core Materials: An In Vitro Study. Sri Prakash Sah, Krithika Datta, N. Velmurugan, G. Lakshmanan, L. Karthik. *Int J Oral Health Med Res* 2018;5(6):31-36.
253. The force required to fracture endodontically roots restored with various materials as intra-orifice barriers. E. Yasa , H. Arslan, B. Yasa, M. Akcay, M. Alsancak, H. Hatirli Niger. *J Clin Pract.* 2017 Oct;20(10):1237-1241.
254. In vitro fracture resistance of endodontically treated premolar teeth restored with a direct layered fiber-reinforced composite post and core. Forster A, Sary T, Braunitzer G, Frater M. *J Adhes Sci Tech* 2017; 31:1454-1466.
255. Fracture resistance of endodontically treated teeth restored with short fiber composite used as a core material-An in vitro study. Garlapati TG, Krithikadatta J, Natanasabapathy V. *J Prosthodont Res.* 2017 Oct;61(4):464-470.
256. Fracture Resistance of Endodontically Treated Teeth Restored with 2 Different Fiber-reinforced Composite and 2 Conventional Composite Resin Core Buildup Materials: An In Vitro Study. Eapen AM, Amirtharaj LV, Sanjeev K, Mahalaxmi S. *J Endod.* 2017 Sep;43(9):1499-1504.
257. Influence of polymerisation method and type of fibre on fracture strength of endodontically treated teeth. Tekçe N, Pala K, Tuncer S, Demirci M, Serim ME. *Aust Endod J.* 2017 Dec;43(3):115-122. DOI: [10.1111/aej.12187](https://doi.org/10.1111/aej.12187)
258. Comparison of fracture resistance of endodontically treated teeth restored with nanohybrid, silorane, and fiber reinforced composite: An in vitro study. Bilgi PS, Shah NC, Patel PP, Vaid DS. *J Conserv Dent.* 2016 Jul-Aug;19(4):364-7. DOI: [10.4103/0972-0707.186458](https://doi.org/10.4103/0972-0707.186458)
259. Effect of fibre-reinforced composite on the fracture resistance of endodontically treated teeth. Ozsevik AS, Yildirim C, Aydin U, Culha E, Surmelioglu D. *Aust Endod J.* 2016 Aug;42(2):82-7 DOI: [10.1111/aej.12136](https://doi.org/10.1111/aej.12136)
260. Effect of novel restorative materials and retention slots on fracture resistance of endodontically-treated teeth. Yasa B, Arslan H, Yasa E, Akcay M, Hatirli H. *Acta Odontol Scand.* 2016;74(2):96-102 DOI: [10.3109/00016357.2015.1046914](https://doi.org/10.3109/00016357.2015.1046914)
261. Fracture behavior of single-structure fiber-reinforced composite restorations. Nagata K, Garoushi SK, Vallittu PK, Wakabayashi N, Takahashi H, Lassila LVJ. *Acta Biomater Odontol Scand.* 2016 Sep 5;2(1):118-124 DOI: [10.1080/23337931.2016.1224670](https://doi.org/10.1080/23337931.2016.1224670)
262. Mechanical properties, fracture resistance, and fatigue limits of short fiber reinforced dental composite resin. Bijelic-Donova J, Garoushi S, Vallittu PK, Lassila LV. *J Prosthet Dent.* 2016 Jan;115(1):95-102. DOI: [10.1016/j.prosdent.2015.07.012](https://doi.org/10.1016/j.prosdent.2015.07.012)
263. Comparison of fracture resistance of maxillary first premolars with class II Mesio-Occluso-Distal (MOD) Cavities restored with newer resin based composite-An ex vivo study. Vahid NA, Manjunath MK. *International J of Current Res* 2016; 8(4): 29814-29820
264. Fracture Resistance of Premolars Restored Either with Short Fiber or Polyethylene Woven Fiber-Reinforced Composite. Gürel MA, Helvacioğlu Kivanç B, Ekıcı A, Alaçam T. *J Esthet Restor Dent.* 2016 Nov 12;28(6):412-418. DOI: [10.1111/jerd.12241](https://doi.org/10.1111/jerd.12241)

265. The effect of short fiber composite base on microleakage and load-bearing capacity of posterior restorations. Garoushi SK, Hatem M, Lassila LVJ, Vallittu PK. *Acta Biomater Odontol Scand*. 2015 Apr 14;1(1):6-12.
266. Effect of novel restoration techniques on the fracture resistance of teeth treated endodontically: An in vitro study. Kemaloglu H, Emin Kaval M, Turkun M, Micoogullari Kurt S. *Dental Materials Journal* 2015; 34(5): 618–622.
267. Influence of using different bonding systems and composites on the margin integrity and the mechanical properties of selectively excavated teeth in vitro. F Schwendicke, M Kern, C Dörfer, J Kleemann-Lüpkes, S Paris, U Blunck. *J Dent*. 2015 Mar;43(3):327-34.
268. In vitro fracture resistance of molar teeth restored with a short fibre-reinforced composite material. Fráter M, Forster A, Keresztúri M, Braunitzer G, Nagy K. *J Dent*. 2014 Sep; 42(9):1143-50.
269. Short fiber reinforced composite: a new alternative for direct onlay restorations. Garoushi S, Mangoush E, Vallittu M, Lassila L. *Open Dent J*. 2013 Dec 30;7:181-5.
270. Short fiber reinforced composite in restoring severely damaged incisors. Bijelic J, Garoushi S, Vallittu PK, Lassila LV. *Acta Odontol Scand*. 2013 Sep;71(5):1221-31.
271. Fracture load of tooth restored with fiber post and experimental short fiber composite. Bijelic J, Garoushi S, Vallittu PK, Lassila LV. *Open Dent J*. 2011 Mar 29;5:58-65.
272. The influence of framework design on the load-bearing capacity of laboratory-made inlay-retained fibre-reinforced composite fixed dental prostheses. Keulemans F, Lassila LV, Garoushi S, Vallittu PK, Kleverlaan CJ, Feilzer AJ. *J Biomech*. 2009 May 11;42(7):844-9.
273. Continuous and short fiber reinforced composite in root post-core system of severely damaged incisors. Garoushi S, Vallittu PK, Lassila LV. *Open Dent J*. 2009 Mar 18;3:36-41.
274. Fracture resistance of short, randomly oriented, glass fiber-reinforced composite premolar crowns. Garoushi S, Vallittu PK, Lassila LV. *Acta Biomater*. 2007 Sep;3(5):779-84.
275. Use of short fiber-reinforced composite with semi-interpenetrating polymer network matrix in fixed partial dentures. Garoushi S, Vallittu PK, Lassila LV. *J Dent*. 2007 May;35(5):403-8.
276. Direct restoration of severely damaged incisors using short fiber-reinforced composite resin. Garoushi S, Vallittu PK, Lassila LV. *J Dent*. 2007 Sep;35(9):731-6.
277. Fiber-reinforced composite substructure: load-bearing capacity of an onlay restoration. Garoushi SK, Lassila LV, Vallittu PK. *Acta Odontol Scand*. 2006 Oct;64(5):281-5.
278. Fiber-reinforced composite substructure: load-bearing capacity of an onlay restoration and flexural properties of the material. Garoushi SK, Lassila LV, Tezvergil A, Vallittu PK. *J Contemp Dent Pract*. 2006 Sep 1;7(4):1-8.
279. Evaluation of Wear Properties of Four Bulk-Fill Composites: Attrition, Erosion, and Abrasion. F. Asadian, Z. Shahidi, Z. Moradi. *Biomed Res Int*. 2021 Nov 12;2021:8649616
280. Evaluation of Surface Roughness and Hardness of Newer Nanoposterior Composite Resins after Immersion in Food-Simulating Liquids. C Meena Kumari, K Manohar Bhat, Rahul Bansal, Nitika Singh, A Anupama, T Lavanya. *Contemp Clin Dent*. Apr-Jun 2019;10(2):289-293

281. Optical properties of composite restorations influenced by dissimilar dentin restoratives. Marjanovic J, Veljovic DN, Stasic JN, Savic-Stankovic T, Trifkovic B, Miletic V. Dent Mater 2018;34:737-745.
282. Viscoelastic properties, creep behavior and degree of conversion of bulk fill composite resins. Papadogiannis D, Tolidis K, Gerasimou P, Lakes R, Papadogiannis Y. Dent Mater. 2015 Dec;31(12):1533-41. DOI: [10.1016/j.dental.2015.09.022](https://doi.org/10.1016/j.dental.2015.09.022)
283. Comparison and Optimization of Wear Rates of Two Types of Dental Composites On The Basis Of Micro Hardness. Hambire CU, Hambire UV, Shirsath SA. International Journal of Engineering Science Invention 2319 – 6726 www.ijesi.org Volume 3 Issue 10 || October 2014 || PP.01-05
284. Creep of experimental short fiber-reinforced composite resin. Garoushi S, Kaleem M, Shinya A, Vallittu PK, Satterthwaite JD, Watts DC, Lassila LV. Dent Mater J. 2012;31(5):737-41. DOI: [10.4012/dmj.2011-247](https://doi.org/10.4012/dmj.2011-247)
285. Effect of short fiber fillers on the optical properties of composite resins. Garoushi S, Vallittu PK, Lassila LV. Journal of Materials Science Research 2012; 1:174-180.
286. Adherence of Streptococcus mutans to Fiber-Reinforced Filling Composite and Conventional Restorative Materials. Lassila LV, Garoushi S, Tanner J, Vallittu PK, Söderling E. Open Dent J. 2009 Dec 4;3:227-32. DOI: [10.2174/1874210600903010227](https://doi.org/10.2174/1874210600903010227)
287. Clinical Performance of Direct Posterior Composite Restorations with and without Short Glass-fiber-reinforced Composite in Endodontically Treated Teeth: 3-year Results. Tekçe N, Aydemir S, Demirci M, Tuncer S, Sancak Eİ, Baydemir C. J Adhes Dent. 2020;22(2):127-137. DOI: [10.3290/jjad.a44279](https://doi.org/10.3290/jjad.a44279)
288. Clinical Performance of Short-fiber-reinforced Resin Composite Restorations vs Resin Composite Onlay Restorations in Complex Cavities of Molars (Randomized Clinical Trial). ElAziz RH, Mohammed MM, Gomaa HAF. J Contemp Dent Pract 2020;21(3):296-303.
289. Clinical Assessment of Endodontically Treated Teeth, Restored with or without Radicular Posts. Karteva EG, Manchorova NA, Vladimirov SB, Keskinova DA. Folia Med (Plovdiv). 2018;60(2):291-299. DOI: [10.1515/folmed-2017-0098](https://doi.org/10.1515/folmed-2017-0098)
290. 24-Month Clinical Evaluation of Different Bulk-Fill Restorative Resins in Class II Restorations. Guney T, Yazici AR. Oper Dent. Mar/Apr 2020;45(2):123-133 DOI: [10.2341/18-144-C](https://doi.org/10.2341/18-144-C)
291. Clinical evaluation of fiber-reinforced composite restorations in posterior teeth - results of 2.5 year follow-up. Tanner J, Tolvanen M, Garoushi S, Säilynoja E. Open Dent J. 2018 Jun 29;12:476-485. DOI: [10.2174/1874210601812010476](https://doi.org/10.2174/1874210601812010476)
292. Endodontic Management of a Mandibular First Molar with Radix Entomolaris and Conservative Post-endodontic Restoration with CAD/CAM Onlay: A Novel Clinical Technique. Yadav K, De Ataide IN, Fernandes M, Lambor R, Alreja D. J Clin Diagn Res. 2016 Nov;10(11):ZD13-ZD15. DOI: [10.7860/JCDR/2016/22048.8828](https://doi.org/10.7860/JCDR/2016/22048.8828)
293. Fibre reinforcement in a structurally compromised endodontically treated molar: a case report. Soares R, de Ataide Ide N, Fernandes M, Lambor R. Restor Dent Endod. 2016 May;41(2):143-7. DOI: [10.5395/rde.2016.41.2.143](https://doi.org/10.5395/rde.2016.41.2.143)

294. Preliminary clinical evaluation of short fiber-reinforced composite resin in posterior teeth: 12-months report. Garoushi S, Tanner J, Vallittu P, Lassila L. *Open Dent J.* 2012;6:41-5. DOI: [10.2174/1874210601206010041](https://doi.org/10.2174/1874210601206010041)
295. Effect of fibre-reinforced composite as a post-obturation restorative material on fracture resistance of endodontically treated teeth: A systematic review. Eshani H Shah, Pradeep Shetty, Shalini Aggarwal, Sanket Sawant, Ronit Shinde, Reetubrita Bhol. *Saudi Dent J.* 2021 Nov;33(7):363-369 DOI: [10.1016/j.sdentj.2021.07.006](https://doi.org/10.1016/j.sdentj.2021.07.006)
296. Effect of Fiber Reinforcement Type on the Performance of Large Posterior Restorations: A Review of In Vitro Studies. Enas Mangoush, Sufyan Garoushi, Lippo Lassila, Pekka K Vallittu, Eija Säilynoja. *Polymers (Basel).* 2021 Oct 26;13(21):3682. DOI: [10.3390/polym13213682](https://doi.org/10.3390/polym13213682)
297. Fiber Reinforcement of Endodontically Treated Teeth: What Options Do We Have? Garoushi S, Tanner J, Keulemans F, Le Bell-Rönnlöf A, Lassila L Vallittu P. *Eur J Prosthodont Restor Dent.* 2020 May 28;28(2):54-63 DOI: [10.1922/EJPRD_2002Garoushi10](https://doi.org/10.1922/EJPRD_2002Garoushi10)
298. Short fiber reinforced composite restorations: A review of the current literature. Garoushi S, Gargoum A, Vallittu P, Lassila L. *J Investig Clin Dent.* 2018 Aug;9(3):e12330. DOI: [10.1111/jicd.12330](https://doi.org/10.1111/jicd.12330)
299. Frankenberger, R., Winter, J., Dudek, M. C., Naumann, M., Amend, S., Braun, A., Krämer, N., & Roggendorf, M. J. (2021). Post-fatigue fracture and marginal behavior of endodontically treated teeth: Partial crown vs. full crown vs. endocrown vs. fiber-reinforced resin composite. *Materials*, 14(24), 7733. <https://doi.org/10.3390/ma14247733>
300. Rajaraman, G., Senthil Eagappan, A., Bhavani, S., Vijayaraghavan, R., Harishma, S., & Jeyapreetha, P. (2022). Comparative evaluation of fracture resistance of fiber-reinforced composite and alkasite restoration in class I cavity. *Contemporary Clinical Dentistry*, 13(1), 56. https://doi.org/10.4103/ccd.ccd_707_20
301. Klenner, J. A. C., Lazari-, P. C., Felipe, T., Galecio, L., & Carvalho, M. A. de. (2022). A 1-year follow-up case report of a biomimetic no post/no crown fiber-reinforced restoration of a structurally compromised tooth. *International Journal of Advanced Engineering Research and Science*, 9(4), 017–023. <https://doi.org/10.22161/ijaers.94.3>
302. Raouf, V. K. A., Jockusch, J., Husain, N. A.-H., Dydyk, N., & Özcan, M. (2022). Push-Out Bond Strength Assessment of Different Post Systems at Different Radicular Levels of Endodontically Treated Teeth. *Materials* 2022, Vol. 15, Page 5134, 15(15), 5134. <https://doi.org/10.3390/MA15155134>
303. Short fiber-reinforced resin-based composites (SFRCs); Current status and future perspectives A. Alshabib, C.A. Jurado, A. Tsujimoto. *Dental Materials Journal* 2022. doi:10.4012/dmj.2022-080 JOI JST.JSTAGE/dmj/2022-080
304. In vitro attrition wear resistance of four types of paste-like bulk-fill composite resins. F. Asadian, A. Pahlavan Hoseini, L Ahmadian, N. Rafeie, S. Rezaei, Z. Moradi. *BMC Oral Health* (2022) 22:360 <https://doi.org/10.1186/s12903-022-02393-x>
305. Fracture Resistance and Microleakage around Direct Restorations in High C-Factor Cavities. E. Battancs, T. Sáry, J. Molnár, G. Braunitzer, M. Skolnikovics, A. Schindler, P.Szabó, S. Garoushi, M. Fráter. *Polymers* 2022, 14,3463. <https://doi.org/10.3390/polym14173463>
306. Does etching mode affect bonding of resin composites to TheraCal-LC? M. Dogan, C. Deger. Abstract O164 – PER-IADR Marseille, September 2022
307. Optical Characteristics of Short Fiber-Reinforced Composite in Bilayered Structure. A. Sarmiala, L. Lassila, T. Närhi, P. Vallittu, A.-M. Le Bell-Rönnlöf. Abstract P263 – PER-IADR Marseille, September 2022

308. Mahesh Mohan, R. K. V. and J. B. (2019). COMPARISON OF FRACTURE RESISTANCE OF TEETH RESTORED WITH MICROHYBRID, FIBER REINFORCED AND NANOHYBRID COMPOSITE RESINS AN IN-VITRO STUDY. *International Journal of Recent Scientific Research*, 10(08), 34460–34465. <https://doi.org/10.24327/ijrsr.2019.1008.3900>
309. Comparative Evaluation of Two Different Fiber-Reinforced Composite Materials in Class 1 Post-Endodontic Restorations in Molars—A Randomized Clinical Study. S. Ranka, A. Rao, U. Shah, D. Solanki, A. Pawar, R. Reda, A. Zanza, L. Testarelli. (2022). *Materials*, 15(21), 7858. <https://doi.org/10.3390/ma15217858>
310. Fracture Load of Mesio-Occluso-Distal Composite Restorations Performed with Different Reinforcement Techniques: An In Vitro Study. Zafar, S., Albar, N., & Khayat, W. *Polymers* 2023, Vol. 15, Page 1358, 15(6), 1358. <https://doi.org/10.3390/POLYM15061358>
311. Fracture resistance of endodontically treated teeth restored with short fiber reinforced composite and a low viscosity bulk fill composite in Class II mesial-occlusal-distal access cavities: an ex-vivo study. H. Selvaraj, J. Krithikadatta. *Cureus* 15(8): e42798. DOI 10.7759/cureus.42798
312. Fracture Resistance of Class II MOD Cavities Restored by Direct and Indirect Techniques and Different Materials Combination. V. Tsertsidou, P. Mourouzis, D. Dionysopoulos, P. Pandoleon, K. Tolidis. *Polymers* 2023, 15, 3413. <https://doi.org/10.3390/polym15163413>
- 313.

Articles in Dental magazines

1. "Fibres are changing dentistry". Prof Vallittu. *GC Get Connected #1*, pp.16-19 (2013)
2. "Tips and strategies for restoring large cavities using fibre-reinforced material". Drs Javier Tapia and Stephane Browet. *GC Get Connected #2*, pp. 15-20, 2014
3. "Fibres (un)limited". Prof Filip Keulemans. *GC Get Connected #2* pp. 8-14, 2014
4. Restauración de clase II con composite de fibras calentado, matriz evolucionada y técnica de esferas cuspídeas. Dr. Pedro Ariño Rubiato. *GD Caso Clínico*, 280 | MAYO 2016 p140-148.
5. Restauración de clase ii con composite de fibras calentado, matriz evolucionada y técnica de esferas cuspídeas. Leticia Ariño Domingo. *Gaceta dental: Industria y profesiones*, 280(2016, pp. 140-148.
6. Les composites renforcés de fibres de verre. C. Frese. *BioMatériaux Cliniques*, Vol. 1 – n°2 octobre 2016, pp. 68-74.
7. Les composites en monocouche ou bulk-fill. Partie 1 – Composition, particularités et classification. J. Sabbagh, M. Hajj, M. Feghali & H. Mansour. *BioMatériaux Cliniques*, Vol. 1 – n°2 octobre 2016, pp. 37-42.

