

References

As of 24 June 2024



Optiglaze (Color)





Optiglaze Color

1. The effect of glazing and aging on the surface properties of CAD/CAM resin blocks. N.Tekçe, S. Fidan, S. Tuncer, D. Kara, M. Demirci. J Adv Prosthodont 2018;10:50-7. DOI: 10.4047/jap.2018.10.1.50
2. Effect of Protective Coating on Surface Properties and *Candida Albicans* Adhesion to Denture Base Materials. M. Ali AlBin-Ameer, M. Y Alsrheed, I.A Aldukhi, A. Matin, S. Q Khan, R. Abualsaud, M.M Gad. Journal of Prosthodontics, 25 October 2019. DOI: 10.1111/jopr.13118
3. Influence of surface sealant agents on the surface roughness and color stability of artificial teeth. Onur Sahin, D. Ömür Dede, A. Köroglu, B. Yılmaz. The Journal of Prosthetic Dentistry, July 2015, Volume 114, Issue 1. DOI: 10.1016/j.prosdent.2015.02.009
4. Effect of wear resistance improvement of Nano-filled resin coating. D. Machida, T. Kumagai, T. Sakuma, S. Akahane. Abstract 0858, AADR 2008, Dallas
5. Full-mouth rehabilitation using Essentia composite and OPTIGLAZE colour characterisation material in combination with a multi-layer thermoforming technique based on wax-up. Clinical case report by Dr İñaki Gamborena. GC Get Connected 6, 2018
6. Effect of Protective Coating on Surface Properties and Candida albicans Adhesion to Denture Base Materials M. Ali AlBin-Ameer, M. Y Alsrheed, I. A Aldukhi, A. Matin, S.Q Khan, R. Abualsaud, M.M Gad. Journal of Prosthodontics 29 (2020) 80–86 C _ 2019 by the American College of Prosthodontists. doi: 10.1111/jopr.13118
7. The effect of surface treatments on the color stability of CAD-CAM interim fixed dental prostheses. Q. Yao, D. Morton, G.J. Eckert, W.-S. Lin. The Journal of Prosthetic Dentistry 2020, 126(2), 248-253. <https://doi.org/10.1016/j.prosdent.2020.05.017>
8. Discoloration Resistance Property of Light-Cured Characterization Materials. Kimitaka Tanazawa, Shuji Kariya, Futoshi Fusejima. GC Corporation. Poster/Abstract P268 – PER-IADR Marseille September 2022
9. Korkut, B., Bud, M., Kukey, P., & Sancakli, H. S. (2022). Effect of surface sealants on color stability of different resin composites. Medicine and Pharmacy Reports, 95(1), 71–79. <https://doi.org/10.15386/MPR-1973>
10. The influence of aging on the fracture load of milled monolithic crowns. Güleç, C., & Sarıkaya, I. (2022). BMC Oral Health 2022 22:1, 22(1), 1–9. <https://doi.org/10.1186/S12903-022-02529-Z>
11. Bending moment of implants restored with CAD/CAM polymer-based restoration materials with or without a titanium base before and after artificial aging. Südbeck, S., Hoffmann, M., Reymus, M., Buser, R., Edelhoff, D., & Stawarczyk, B. Dental Materials, Volume 38, Issue 9, pages e245-255, September 2022. <https://doi.org/10.1016/J.DENTAL.2022.06.009>
12. Double-milled CAD-CAM composite resin restorations: A proof-of-concept approach to producing histoanatomic bilaminar restorations. Schlichting, L. H., &



- Magne, P. (2019). *Journal of Prosthetic Dentistry*, 124(1), 5–9.
<https://doi.org/10.1016/j.prosdent.2019.09.006>
13. Evaluation of surface roughness, hardness and elastic modulus of nanoparticle containing light-polymerized denture glaze materials. Choi, J. J. E., Uy, C. E., Ramani, R. S., & Waddell, J. N. (2020). *Journal of the Mechanical Behavior of Biomedical Materials*, 103, 103601.
<https://doi.org/10.1016/j.jmbbm.2019.103601>
 14. Effect of thermocycling on the surface properties of resin-matrix CAD-CAM ceramics after different surface treatments. Çakmak, G., Subaşı, M. G., & Yilmaz, B. (2021). *Journal of the Mechanical Behavior of Biomedical Materials*, 117, 104401. <https://doi.org/10.1016/j.jmbbm.2021.104401>
 15. Influence of polishing technique and coffee thermal cycling on the surface roughness and color stability of additively and subtractively manufactured resins for definitive restorations. G. Çakmak, A.L. Oosterveen-Rüegsegger, C. Akay, M. Schimmel, B. Yilmaz, M. Borga Donmez. Accepted for publication *Journal of Prosthodontics*. doi: 10.1111/jopr.13730.
 16. Effect of Optiglaze Color on wear resistance of heat cure acrylic prosthesis. N. Yousuf Hameed, A. Mseer Naser, M. Kareem Jabbar. *Journal of Techniques*, ISSN: 2708-8383, Vol. 4, No.2, June 30, 2022, Pages 27-31.
 17. Influence of Different Finishing-Polishing Procedures and Thermocycle Aging on the Surface Roughness of Nano-Ceramic Hybrid CAD/CAM Material. Ozer, N., & Oguz, E. (2023). *Nigerian Journal of Clinical Practice*, 26(5), 604–611.
https://doi.org/10.4103/njcp.njcp_592_22
 18. Impact of varnishing, coating, and polishing on the chemical and mechanical properties of a 3D printed resin and two veneering composite resins. M. Lask, B. Stawarczyk, M. Reymus, J. Meinen, F. Mayinger. *JPD*, article in press.
<https://doi.org/10.1016/j.prosdent.2024.05.006>

Articles in Dental magazines

1. Eine Hybridkeramik als ergänzendes CAD/CAM-Material für Einzelzahn- und Implantat-Versorgungen. C. Fischer. *Dental Dialogue*, 17, March 2016, pp. 76-89.
2. Traiter l'usure dentaire grace à une intervention minimale. S. Mehta. *Dentoscope*, November 2016, Nr. 168. Pp.38-47.
3. A CAD/CAM fabricated GC Cerasmart onlay patient case. A. Cantagalli. *Spectrum Dialogue Vol.18 No.8-October 2019*
4. Une gamme de colorants pour caractérisation de gencives et dents, J.F. Deche, *Tech. Dent. N° 333 - 09/14*
5. Monolithisch und verblendet: Im modularen Vorgehen zur komplexen Implantatrekonstruktion, Ztm. Christian Rothe, Berlin/Deutschland, *Quintessenz Zahntech 2014;40(9):1124–1138*
6. OPTIGLAZE color, Produktnews, by GC Germany, 2/15 dental dialogue 16. Jahrgang
7. Because everything is more beautiful in colour, J.F. Dêche, *Dental prosthetics No. 3 (51) 2015 – Ukrainian version*
8. Monolitsko rezkanje – individualno karakterizirano, Ztm. Christian Rothe, Berlin/Deutschland, *Dental Tribune Nr. 5/2015 – Slovenian version*
9. Клиническое исследование Cerasmart™, нового гибридного керамического блока для CAD/CAM работ. Описание клинических случаев, авторы Dr. Mete Fanuscu и Dr. Ahmet Turan, Январь 2016 No. 1
10. Монолитные фрезерованные реставрации с индивидуальной характеристикой, «Умное» запечатывание поверхности фрезерованных



- PMMA-реставраций: GC Optiglaze Color, Ch. Rothe, зубной техник (Германия),
Zubnoy Technik #2 2016
11. Break with convention - be creative. Hybrid ceramic in CAD/CAM technologies - single restoration and implants reconstructions", C. Fischer, Steinbeis University, Berlin, Dental Dialog, Volume 7, Number 2 (23), 2016: 102:114
 12. Klarer Fahrplan: Komplexe implantatprothetische, Zirkonoxid-basierte Oberkieferrestayration – Teil 2. Ztm. Ch. Rothe. Dental Dialogue 15. Jahrgang 04/2014