

# Literature

As of 30 September 2025



## GC GRADIA PLUS

Modular Composite System  
for Indirect Restorations





## GC GRADIA PLUS

1. **Notchless triangular prism fracture toughness of new indirect composite**  
Kato H., Machida D., Ueno T., Kumagai T. (Research & Development Dept., GC Corp., TOKYO, JAPAN), ADM 2016, poster #66
2. **Wear resistance of new indirect composite**  
Kato H., Machida D., Ueno T., Kumagai T. (Research & Development Dept., GC Corp., TOKYO, JAPAN), EPA 2016, PP118
3. **Indirect onlay & hybrid restorations on implant made of composite: probably one of the best options for patients in posterior. Clinical step-by-step with Gradia PLUS composite, luted with G-CEM Link Force.** R. Medzin. GC Get Connected
4. **GRADIA® PLUS**  
**A new concept for indirect lab composite techniques**  
Interview with Diederik Hellingh from GC EUROPE and master dental technicians Mr. Simone Maffei and Mr. Michael Brusch on a new indirect lab composite, GC Get Connected
5. **Restorations with composite in ceramic rehabilitation.** F. Troyano, Spain, GC Get Connected
6. **Mechanical and optical properties of indirect veneering resin composites after different aging regimes.** B. Stawarczyk, M. Brauneis, B. Langwieder, S. Spintzyk, M. Eichberger, A. Liebermann. Dental Materials Journal 2020. Accepted Apr 8, 2020 doi:10.4012/dmj.2019-307 JOI JST.JSTAGE/dmj/2019-307
7. **Impact of polymerization and storage on the degree of conversion and mechanical properties of veneering resin composites.** F. Mayinger, M. Reymus, A. Liebermann, M. Richter, P. Kubryk, H. Großekappenberg, B. Stawarczyk. Dental Materials Journal, Accepted Jun 15, 2020. doi:10.4012/dmj.2019-394 JOI JST.JSTAGE/dmj/2019-394
8. **Edge chipping resistance of veneering composite resins.** P. Nassary Zadeh, B. Stawarczyk, R. Hampe, A. Liebermann, F. Mayinger. Journal of the mechanical behavior of biomedical materials 116 (2021) 104349 doi: 10.1016/j.jmbbm.2021.104349. Epub 2021 Feb 2.
9. **Impact of varnishing, coating, and polishing on the chemical and mechanical properties of a 3D printed resin and two veneering composite resins.** Marie Lask, Bogna Stawarczyk, Marcel Reymus, John Meinen, Felicitas Mayinger. The Journal of Prosthetic Dentistry, article in press.
10. **Effect of Different Adhesive Resin and Composite Veneering Materials on Adhesion to Polyetheretherketone.** Cinel Sahin, S., Mutlu-Sagesen, L., Karaokutan, I., & Ozcan, M. (n.d.). Chinese Journal of Dental Research. <https://doi.org/10.3290/j.cjdr.b5459601>
11. **Impact of Glazing, Coating, and Polishing on the Color Stability and Surface Properties of a 3D Printed Resin and Two Veneering Composite Resins.** M. Lask, F. Mayinger, M. Reymus, J. Meinen, B. Stawarczyk. *Journal of Esthetic and Restorative Dentistry*, 2025; 0:1–13. <https://doi.org/10.1111/jerd.13462>



## Articles in Dental magazines

1. Implantologie – une arcade en composite sur armature de l'opaque à la finition, Y. Laborde, Technologie Dentaire N° 358 10/16
2. GRADIA PLUS – A new concept for indirect lab composite techniques  
Interview with Diederik Hellingh from GC EUROPE and master dental technicians Mr. Simone Maffei and Mr. Michael Brusch on a new indirect lab composite
3. Gradia Plus with a full arch implant borne bridge, Mark Bladen, The Dental Technician – Feb 2017/Vol 70 Issue 01
4. Indirect onlay & hybrid restorations on implant made of composite: probably one of the best options for patients in posterior. Clinical step-by-step with GRADIA® PLUS composite, luted with G-CEM LinkForce. Dr. Rafał Mędzin. GC Get Connected.
5. The composite Injection Technique with GRADIA PLUS. L. Johnson, M. Rezo, J. Spaenhoven, R. De Paepe. GC Get Connected
6. Restauraciones de recubrimiento parcial indirectas adheridas en sectores posteriores : indicaciones actuales. Rev.Int. Protesis, Volumen 22, Número 2, 2020