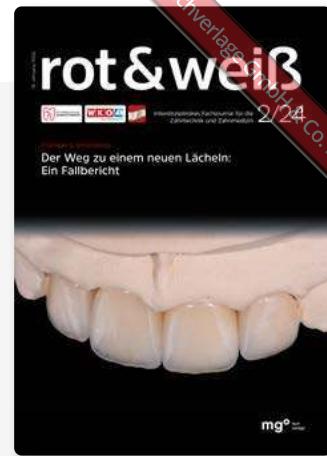


Definitive und minimalinvasive Restauration mit polychromen Materialien von Vita

## Traumaversorgung mit charakterisierter Hybridkeramik

Ein Beitrag von Zt. Sergio Ruiz und Dr. Marga Achútegui



### Literaturangabe

- [1] Coldea A, Swain MV, Thiel N. Mechanical properties of polymer-infiltrated-ceramic-network materials. *Dent Mater* 2013 Apr; 29(4): 419–26.
- [2] Alghauli M, Alqutaibi AY, Wille S, Kern M. Clinical outcomes and influence of material parameters on the behavior and survival rate of thin and ultrathin occlusal veneers: A systematic review. *J Prosthodont Res* 2023 Jan 6; 67(1): 45–54.
- [3] Ohse L, Stona D, Sly MM, Burnett Júnior LH, Spohr AM. Fracture strength of teeth restored with milled ultrathin occlusal veneers made of polymer-infiltrated ceramic. *Braz Dent J* 2021 Sep-Oct; 32(5): 105–113.
- [4] Dirxen C, Blunck U, Preissner S. Clinical performance of a new biomimetic double network material. *Open Dent J* 2013 Sep 6; 7: 118–22.
- [5] Conejo J, Ozer F, Mante F, Atria PJ, Blatz MB. Effect of surface treatment and cleaning on the bond strength to polymer-infiltrated ceramic network CAD-CAM material. *J Prosthet Dent* 2021 Nov; 126(5): 698–702.
- [6] Al-Turki L, Merdad Y, Abuhamed TA, Sabbahi D, Almarshadi M, Aldabbagh R. Repair bond strength of dental computer-aided design/computer-aided manufactured ceramics after different surface treatments. *J Esthet Restor Dent* 2020 Oct; 32(7): 726–733.
- [7] Jurado CA, Tsujimoto A, Watanabe H, Fischer NG, Hasslen JA, Tomeh H, Baruth AG, Barkmeier WW, Garcia-Godoy F. Evaluation of Polishing Systems for CAD/CAM Polymer-Infiltrated Ceramic-Network Restorations. *Oper Dent* 2021 Mar 1; 46(2): 219–225.
- [8] Ludovichetti FS, Trindade FZ, Werner A, Kleverlaan CJ, Fonseca RG. Wear resistance and abrasiveness of CAD-CAM monolithic materials. *J Prosthet Dent* 2018 Aug; 120(2): 318.e1–318.e8.
- [9] Furtado de Mendonça A, Shahmoradi M, Gouvêa CVD, De Souza GM, Ellakwa A. Microstructural and Mechanical Characterization of CAD/CAM Materials for Monolithic Dental Restorations. *J Prosthodont* 2019 Feb; 28(2): e587–e594.
- [10] Oudkerk J, Eldafrawy M, Bekaert S, Grenade C, Vanheusden A, Mainjot A. The one-step no-prep approach for full-mouth rehabilitation of worn dentition using PICN CAD-CAM restorations: 2-yr results of a prospective clinical study. *J Dent* 2020 Jan; 92:103245.
- [11] Peampring C. Restorative management using hybrid ceramic of a patient with severe tooth erosion from swimming: a clinical report. *J Adv Prosthodont* 2014 Oct; 6(5): 423–6.
- [12] Chirumamilla G, Goldstein CE, Lawson NC. A 2-year Retrospective Clinical study of Enamic Crowns Performed in a Private Practice Setting. *J Esthet Restor Dent* 2016 Jul;28(4): 231–7
- [13] Spitznagel FA, Scholz KJ, Strub JR, Vach K, Gierthmuehlen PC. Polymer-infiltrated ceramic CAD/CAM inlays and partial coverage restorations: 3-year results of a prospective clinical study over 5 years. *Clin Oral Investig*. 2018 Jun; 22(5): 1973–1983.