



Klinische und technische Aspekte der Herstellung

Allroundtalent Teilkrone

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Literaturangabe

- [1] Edelhoff D, Sorensen JA. Tooth structure removal associated with various preparation designs for posterior teeth. *Int J Periodont Restor Dent* 2002;22:241–249.
- [2] Edelhoff D, Sorensen JA. Tooth structure removal associated with various preparation designs for anterior teeth. *J Prosthet Dent* 2002;87:503–509.
- [3] Fehmer V, Grohmann P, Sailer I. Monolithische Kronen: Lithiumdisilikat versus Zirkonoxidkeramik. *Quintessenz*. 2014; 65 (6): 1-9
- [4] Fehmer V, Mühlemann S, Hämmerle CHF, Sailer I. Criteria for the selection of restoration materials. *QI Quintessence International*. Volume 45, Number 9, 723-730
- [5] Fehmer V, Sailer I, Thoma DS, Zwahlen M, Pjetursson BE. Zahngetragene Vollkeramik- oder Metallkeramikrekonstruktionen? Eine systematische Übersichtsarbeit zu den Überlebens- und Komplikationsraten von Einzelkronen. *Quintessenz Zahntechnik*. 2015;41(9):1112-1120
- [6] Gehrt M, Wolfart S, Rafai N, Reich S, Edelhoff D. Clinical results of lithium-disilicate crowns after up to 9 years of service. *Clin Oral Investig* 2013;17:275-284.
- [7] Güss PC, Strub JR, Steinhart N, Wolkowitz M, Stappert CFJ; All-ceramic partial coverage restorations (PCR) - midterm results of a 5 year prospective clinical splitmouth study, *J Dent* 2009
- [8] Guess PC, Zavanelli RA, Silva NR, Bonfante EA, Coelho PG, Thompson VP. Monolithic CAD/CAM lithium disilicate versus veneered Y-TZP crowns: comparison of failure modes and reliability after fatigue. *Int J Prosthodont* 2010;23:434-442.
- [9] Magne P, Schlichting LH, Maia HP, Baratieri LN, In vitro fatigue resistance of CAD/CAM composite resin and ceramic posterior occlusal veneers, *J Prosthet Dent* 2010
- [10] Pazin MC, Moraes RR, Goncalves LS, Borges GA, Sinhoreti MA, Correr-Sobrinho L. Effects of ceramic thickness and curing unit on light transmission through leucite-reinforced material and polymerization of dual-cured luting agent. *J Oral Sci* 2008;50:131-136.
- [11] Preis V, Weiser F, Handel G, Rosentritt M. Wear performance of monolithic dental ceramics with different surface treatments. *Quintessence Int* 2013;44:393-405.
- [12] Silva NR, Thompson VP, Valverde GB et al. Comparative reliability analyses of zirconium oxide and lithium disilicate restorations in vitro and in vivo. *J Am Dent Assoc* 2011;142(Suppl 2):4S-9S.