

## Auswahl von Materialien in der restaurativen Zahnheilkunde

# Entscheidungskriterien für die tägliche Praxis

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## Literaturangabe

- [1] Al-Rahda A : Essential Oils and Dental Implant Materials. *The International Journal of Oral & Maxillofacial Implants*, Vol 28, Number 6, 2013, 1497-1505
- [2] Brägger U, Aeschlimann S, Bürgin W, Hämmeler CH, Lang NP. Biological and technical complications and failures with fixed partial dentures (FPD) on implants and teeth after four to five years of function. *Clin Oral Implants Res.* 2001 Feb;12(1):26-34.
- [3] Brägger U, Aeschlimann S, Bürgin W, Hämmeler CH, Lang NP. Biological and technical complications and failures with fixed partial dentures (FPD) on implants and teeth after four to five years of function. *Clin Oral Implants Res.* 2001 Feb;12(1):26-34.
- [4] Flemington I, Emmadi P, Ambalavanan N, Ramakrishnan T, Vijayalakshmi R : Effect of three commercial mouth rinses on cultured human gingival fibroblast: an in vitro study. *Indian J Dent Res.* 2008 Jan-Mar;19(1):29-35.
- [5] Geis-Gerstorfer J, Fäßler P : Untersuchungen zum Ermüdungsverhalten der Dentalkeramiken Zirkonoxid-TZP und In-CeramDeutsche zahnärztliche Zeitschrift 54 (11) 1999 S. 692-694
- [6] Kolgeci L, Mericske E, Worni A, Walker P, Katsoulis J, Mericske-Stern R : Technical complications and failures of zirconia-based prostheses supported by implants followed up to 7 years: a case series. *The International journal of prosthodontics* 11/2014; 27(6):544-52.
- [7] Krell A, Strassburger E, Hutzler T, Klimke J : Single and Polycrystalline Transparent Ceramic Armor With Different Crystal Structure. *J. Am. Ceram. Soc.* 96 (2013) 9, 2718-2721.
- [8] Lawn BR, Lee JJ : Analysis of fracture and deformation modes in teeth subjected to occlusal loading. *Acta Biomater.* 2009 Jul;5(6):2213-21. doi: 10.1016/j.actbio.2009.02.001. Epub 2009 Feb 10.
- [9] (3) Lohrbauer U, Belli R, Arnetzl G, Scherrer S, Quinn G : Fracture of a veneered-ZrO<sub>2</sub> dental prosthesis from an inner thermal crack. *Case Studies in Engineering Failure Analysis* 2 (2014) 100-106
- [10] Magne P, Oderich E, Boff LL, Cardoso AC, Belser UC : Fatigue resistance and failure mode of CAD/CAM composite resin implant abutments restored with type III composite resin and porcelain veneers. *Clin Oral Implants Res.* 2011 Nov;22(11):1275-81.
- [11] (1) Pabst R F: Konventionelle Festigkeitsbetrachtungen bei keramischen Werkstoffen und deren Fehlermöglichkeiten. *Berichte der Deutschen Keramischen Gesellschaft* Band 54 (1977) Nr.12 S. 392-395
- [12] Pucher JJ, Daniel JC : The effects of chlorhexidine digluconate on human fibroblasts in vitro. *J Periodontol.* 1992 Jun;63(6):526-32.
- [13] Scherrer SS, Quinn JB, Quinn GD: Fractography of dental restorations. *Key Engineering Materials* Vol. 409 (2009) pp 72-80
- [14] de Souza LB, de Aquino SG, de Souza PP, Hebling J, Costa CA : Cytotoxic effects of different concentrations of chlorhexidine. *Am J Dent.* 2007 Dec;20(6):400-4.
- [15] Wood KC, Berzins DW, Luo Q, Thompson GA, Toth JM, Nagy WW. : Resistance to fracture of two all-ceramic crown materials following endodontic access. *J Prosthet Dent.* 2006 Jan;95(1):33-41.
- [16] Woollard AC, Tatham KC, Barker S: literature review of evidence on the influence of essential oils on wound healing and their potential application in clinical practice. *Journal of wound care* Vol 16, 6 June 2007