



Management schwieriger Behandlungssituationen in der restaurativen Zahnheilkunde

Zahnerhalt bei fundamentalen Defekten

Ein Beitrag von PD Dr. Diana Wolff, Prof. Dr. Dr. Hans Jörg Staehle und Dr. Cornelia Frese

Literaturangabe

- [1] Azzi, R., E. B. Kenney, T. F. Tsao and F. A. Carranza, Jr. (1983). „The effect of electrosurgery on alveolar bone.“ *J Periodontol* 54(2): 96–100.
- [2] Cacciafesta, V., M. F. Sfondrini, M. De Angelis, A. Scribante and C. Klersy (2003). „Effect of water and saliva contamination on shear bond strength of brackets bonded with conventional, hydrophilic, and self-etching primers.“ *Am J Orthod Dentofacial Orthop* 123(6): 633–640.
- [3] Chang, S. W., B. H. Cho, R. Y. Lim, S. H. Kyung, D. S. Park, T. S. Oh and H. M. Yoo (2010). „Effects of blood contamination on microtensile bond strength to dentin of three self-etch adhesives.“ *Oper Dent* 35(3): 330–336.
- [4] Darabi, F., M. Tavangar and R. Davaloo (2012). „Effect of different decontamination procedures from a saliva-contaminated cured bonding system (Single Bond).“ *Dent Res J (Isfahan)* 9(4): 399–403.
- [5] Dietschi, D., S. Olsburgh, I. Krejci and C. Davidson (2003). „In vitro evaluation of marginal and internal adaptation after occlusal stressing of indirect class II composite restorations with different resinous bases.“ *Eur J Oral Sci* 111(1): 73–80.
- [6] Dietschi, D. and R. Spreafico (1998). „Current clinical concepts for adhesive cementation of tooth-colored posterior restorations.“ *Pract Periodontics Aesthet Dent* 10(1): 47–54; quiz 56.
- [7] Donovan, T. E. and W. W. Chee (2004). „Current concepts in gingival displacement.“ *Dent Clin North Am* 48(2): vi, 433–444.
Eiriksson, S. O., P. N. Pereira, E. J. Swift, H. O. Heymann and A. Sigurdsson (2004). „Effects of blood contamination on resin-resin bond strength.“ *Dent Mater* 20(2): 184–190.
- [8] Eiriksson, S. O., P. N. Pereira, E. J. Swift, Jr., H. O. Heymann and A. Sigurdsson (2004). „Effects of saliva contamination on resin-resin bond strength.“ *Dent Mater* 20(1): 37–44.
- [9] Frankenberger, R., J. Hehn, J. Hajto, N. Kramer, M. Nauemann, A. Koch and M. J. Roggendorf (2013). „Effect of proximal box elevation with resin composite on marginal quality of ceramic inlays in vitro.“ *Clin Oral Investig* 17(1): 177–183.
- [10] Frese, C., D. Wolff and H. J. Staehle (2014). „Proximal box elevation with resin composite and the dogma of biological width: clinical R2-technique and critical review.“ *Oper Dent* 39(1): 22–31.
- [11] Friedl, K. H., G. Schmalz, K. A. Hiller and F. Mortazavi (1997). „Marginal adaptation of composite restorations versus hybrid ionomer/ composite sandwich restorations.“ *Oper Dent* 22(1): 21–29.
- [12] Juneja, R., J. Duhan, S. Tewari, P. Sangwan and N. Bhatnagar (2014). „Effect of Blood Contamination and Decontamination Protocols on Acetone-Based and Ethanol-Based Total Etch Adhesive Systems.“ *J Esthet Restor Dent*.
- [13] Kimmes, N. S., T. L. Olson, R. S. Shaddy and M. A. Latta (2006). „Effect of ViscoStat and ViscoStat Plus on composite shear bond strength in the presence and absence of blood.“ *J Adhes Dent* 8(6): 363–366.
- [14] Lefever, D., L. Gregor, T. Bortolotto and I. Krejci (2012). „Supragingival relocation of subgingivally located margins for adhesive inlays/ onlays with different materials.“ *J Adhes Dent* 14(6): 561–567.
- [15] McLean, J. W., D. R. Powis, H. J. Prosser and A. D. Wilson (1985). „The use of glass-ionomer cements in bonding composite resins to dentine.“ *Br Dent J* 158(11): 410–414.
- [16] Miller, W. D. (1896). *Lehrbuch der Conservirenden Zahnheilkunde*. Leipzig, Verlag von Georg Thieme.
- [17] O’Keefe, K. L., L. M. Pinzon, B. Rivera and J. M. Powers (2005). „Bond strength of composite to astringent-contaminated dentin using self-etching adhesives.“ *Am J Dent* 18(3): 168–172.

- [18] Opdam, N. J., J. J. Roeters, T. de Boer, D. Pesschier and E. Bronkhorst (2003). „Voids and porosities in class I micropreparations filled with various resin composites.“ *Oper Dent* 28(1): 9–14.
- [19] Prasad, M., S. Mohamed, K. Nayak, S. K. Shetty and A. K. Talapaneni (2014). „Effect of moisture, saliva, and blood contamination on the shear bond strength of brackets bonded with a conventional bonding system and self-etched bonding system.“ *J Nat Sci Biol Med* 5(1): 123–129.
- [20] Rocca, G. T., L. Gregor, M. J. Sandoval, I. Krejci and D. Dietschi (2012). „In vitro evaluation of marginal and internal adaptation after occlusal stressing of indirect class II composite restorations with different resinous bases and interface treatments. „Post-fatigue adaptation of indirect composite restorations“.“ *Clin Oral Investig* 16(5): 1385–1393.
- [21] Rocca, G. T. and I. Krejci (2007). „Bonded indirect restorations for posterior teeth: from cavity preparation to provisionalization.“ *Quintessence Int* 38(5): 371–379.
- [22] Roggendorf, M. J., N. Kramer, C. Dippold, V. E. Vosen, M. Naumann, A. Jablonski-Momeni and R. Frankenberg (2012). „Effect of proximal box elevation with resin composite on marginal quality of resin composite inlays in vitro.“ *J Dent* 40(12): 1068–1073.
- [23] Ruel, J., P. J. Schuessler, K. Malament and D. Mori (1980). „Effect of retraction procedures on the periodontium in humans.“ *J Prosthet Dent* 44(5): 508–515.
- [24] Shahdad, S. A. and J. G. Kennedy (1998). „Bond strength of repaired anterior composite resins: an in vitro study.“ *J Dent* 26(8): 685–694.
- [25] Wilhelmssen, N. R., S. P. Ramfjord and J. R. Blankenship (1976). „Effects of electrosurgery on the gingival attachment in rhesus monkeys.“ *J Periodontol* 47(3): 160–170.
- [26] Zaruba, M., T. N. Gohring, F. J. Wegehaupt and T. Attin (2013). „Influence of a proximal margin elevation technique on marginal adaptation of ceramic inlays.“ *Acta Odontol Scand* 71(2): 317–324.