

## **Antibakterielle Aktivität totalätzender Adhäsive in vitro – 2. Mitteilung**

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- [1] Atac, A. S., Cehreli, Z., Sener, B.: Bacterial activity of fifth-generation dentin bonding systems. *J Endod* 27, 730-733 (2001).
- [2] Blunck, U.: Redaktion. Trend: Protektive Füllungstherapie. *DZ* 6, 58-59 (2004).
- [3] Dijkman, G. E, de Vries, J., Arenda, I.: Effect of glutardialdehyde on secondary caries in situ. *Caries Res* 26, 293-298 (1992).
- [4] Eick, J. D., Wilko, R. A., Anderson, C. H., Sorensen, S. E.: Scanning electron microscopy of cut tooth surfaces and identification of debris by use of the electron microprobe. *J Dent Res* 49, 1359-1368 (1970).
- [5] Ernst, C.P.: Was Sie schon immer über Dentinadhäsive wissen wollten. *Magazin für Zahnheilkunde, Management und Kultur* 17, 254-269 (2001).
- [6] Felton, D., Bergenholz, G., Cox, C. F.: Inhibition of bacterial growth under composite restorations following GLUMA pretreatment. *J Dent Res* 68(3), 491-495 (1989).
- [7] Haller, B., Blunck, U.: Übersicht und Wertung der aktuellen Bondingsysteme. *Zahnärztl Mitt* 93, 808-818 (2003).
- [8] Herrera, M., Carrión, P., Bravo, M., Castillo, A.: Antibacterial activity of four dentin bonding systems. *Int J Antimicrob Agents* 15, 305-309 (2000).
- [9] Imazato, S., Kuramoto, A., Kaneko, T., Ebisu, S., Russell, R. R.: Comparison of antibacterial activity of simplified adhesive systems. *Am J Dent* 15, 356-360 (2002).
- [10] Karanika-Kouma, A., Dionysopoulos, P., Koliniotou-Koubia, E., Kolokotronis, A.: Antibacterial properties of dentin bonding systems, polyacid-modified composite resins and composite resins. *J Oral Rehabil* 28, 157-160 (2001).
- [11] Kneist, S., Heinrich, R., Künzel, W.: Mikrobielle Besiedelung kariöser Progressions-stadien im Dentin menschlicher Zähne – eine kontrollierte Therapiestudie. *Ztb Bakt Hyg* 26, 385-395 (1989).

- [12] Kneist, S., Heinrich, R., Künzel, W.: Mikrobielle Besiedelung des pulpanahen Dentins bleibender Zähne nach Caries-profund-a-Therapie. Dtsch Zahn Mund Kieferheilkd 78, 695-698 (1990).
- [13] Kneist, S., Wachall, F., Seltmann, G.: Antibakterielle Aktivität selbstätzender Adhäsiva in vitro. ZMK 32(5), 2-10 (2017).
- [14] Luglié, P. F., Delitala, P. P., Zanetti, S., Sanna, S.: An in-vivo bacteriological study on the effects of acid etching at the bottom of cavities. Minerva Stomatol 42, 19-26 (1998).
- [15] Manhart, J.: Schmelz- und Dentinadhäsive: Überblick, Einflussfaktoren, Trends. COLLEGmagazin, Zahnarzt-Wirtschaft-Praxis 6, 136-141 (2000).
- [16] Pashley, D. H.: Smear layer: physiological considerations. Oper Dent 3, 13-29 (1984).
- [17] Schmalz, G., Ergücü, Z., Hiller, K. A.: Effect of dentin on the antibacterial activity of dentin bonding agents. J Endod 30, 352-358 (2004).
- [18] Schmidlin, O. A., Zehnder, M., Schmidlin, P. R.: Effectiveness of dentine bonding agents against cariogenic bacteria in vitro: a comparison of two methods. Oral Microbiol Immunol 18, 140-143 (2003).
- [19] Seltmann, G.: In-vitro-Studie zur antibakteriellen Wirkung von Adhäsiva im Agar-Hemmhoftest. [Dissertation]. Jena: Friedrich-Schiller-Universität, 2012.
- [20] Sezinando, A.: Looking for the ideal adhesive – A review. Rev port estomatol med dent cir maxilofac 55(4), 194–206 (2014).
- [21] Walter, R., Duarte, W. R., Pereira, P. N. R., Heymann, H. O., Swift, Jr. E. J.: In vitro inhibition of bacterial growth using different dental adhesive systems. Oper Dent 32(4), 388-393 (2007).
- [22] Wicht, M. J., Haak, R., Kneist, S., Noack, M. J.: A triclosan-containing compomer reduces Lactobacillus spp. predominant in advanced carious lesions. Dent Mater 21, 831-836 (2005).