Das definitive One-Time-Abutment im CAD/CAM-Workflow

Dr. Frank Kistler, Dr. Steffen Kistler, Dr. Stephan Adler, Dr. Jörg Neugebauer

ZMK 33(11) 2017, S. 800-804

[1] Becker K, Mihatovic I, Golubovic V, Schwarz F: Impact of abutment material and dis-/re-connection on soft and hard tissue changes at implants with platform-switching. J Clin Periodontol 39, 774–780 (2012).

[2] Brito C, Tenenbaum HC, Wong BK, Schmitt C, Nogueira-Filho G: Is keratinized mucosa indispensable to maintain peri-implant health? A systematic review of the literature. J Biomed Mat Res Part B, Applied Biomaterials 102, 643–650 (2014).

[3] Carmagnola D, Araújo M, Berglundh T, Albrektsson T, Lindhe J: Bone tissue reaction around implants placed in a compromised jaw. J Clin Periodontol 26, 629–635 (1999).

[4] Degidi M, Nardi D, Piattelli A: One abutment at one time: non-removal of an immediate abutment and its effect on bone healing around subcrestal tapered implants. Clin Oral Implants Res 22, 1303–1307 (2011).

[5] Gehrke P, Tabellion A, Fischer C: Microscopical and chemical surface characterization of CAD/CAM zirconia abutments after different cleaning procedures. A qualitative analysis. J Adv Prosthodont 7 (2), 151–159 (2015).

[6] Grandi T, Guazzi P, Samarani R, Garuti G: Immediate positioning of definitive abutments versus repeated abutment replacements in immediately loaded implants: effects on bone healing at the 1-year follow-up of a multicenter randomized controlled trial. Eur J Oral Implantol 5, 9–16 (2012).

[7] Kern M, Lehmann F: Influence of surface conditioning on bonding to polyetheretherketon (PEEK). Dental materials: Official Publication of the Academy of Dental Materials 28, 1280–1283 (2012).

[8] Lin GH, Chan HL, Wang HL: The significance of keratinized mucosa on implant health: a systematic review. J Periodontol 84, 1755–1767 (2013).

[9] Magne P, Silva M, Oderich E, Boff LL, Enciso R: Damping behavior of implant-supported restorations. Clin Oral Implants Res 24, 143–148 (2013).

[10] Neugebauer J, Adler S, Kistler F, Kistler S, Bayer G: Der Einsatz von Kunststoffen bei der festsitzenden prothetischen Implantatversorgung. ZWR Das Deutsche Zahnärzteblatt 122, 242–245 (2013).

[11] Oliver R: Flapless dental implant surgery may improve hard and soft tissue outcomes. J Evid Based Dent Pract 12 (Suppl 3), 87–88 (2012).

[12] Schmidlin PR, Stawarczyk B, Wieland M, Attin T, Hammerle CH, Fischer J: Effect of different surface pre-treatments and luting materials on shear bond strength to PEEK. Dental materials: Official Publication of the Academy of Dental Materials 26, 553–559 (2010).

[13] Schweiger J, Beuer F, Stimmelmayr M, Edelhoff D: Moderne Wege zum Implantat-Abutment. Zahnärzt Mitteilungen 102, 54–63 (2012).

[14] Siar CH, Toh CG, Ali TB, Seiz D, Ong ST: Dimensional profile of oral mucosa around combined tooth-implant-supported bridgework in macaque mandible. Clin Oral Implants Res 23, 438–446 (2012).

[15] Silva-Neto JP, Prudente MS, Carneiro Tde A, Nóbilo MA, Penatti MP, Neves FD: Micro-leakage at the implant-abutment interface with different tightening torques in vitro. J Appl Oral Sci 20, 581–587 (2012).

[16] Stawarczyk B, Beuer F, Wimmer T, et al.: Polyetheretherketone – a suitable material for fixed dental prostheses? J Biomed Mater Res B Appl Biomater 101, 1209–1216 (2013).

[17] Taiyeb-Ali TB, Toh CG, Siar CH, Seiz D, Ong ST: Influence of abutment design on clinical status of peri-implant tissues. Implant Dent 18, 438–446 (2009).