

LITERATUR

Ausgabe: Implantologie Journal 7+8/2018

Thema: Das einteilige Keramikimplantat

Autoren: Dr. Umut Baysal, Dr. Arzu Tuna, Mitsutaka Fukushima, Dr. Rainer Valentin

-
1. Adell R, Lekholm U, Rockler B, Brånemark PI. A 15-year study of osseointegrated implants in the treatment of the edentulous jaw. *Int J Oral Surg.* 1981;10(6):387-416.
 2. Brånemark PI, Hansson BO, Adell R, Breine U, Lindström J, Hallén O, et al. Osseointegrated implants in the treatment of the edentulous jaw. Experience from a 10-year period. *Scand J Plast Reconstr Surg Suppl.* 1977;16:1-132.
 3. Sicilia A, Cuesta S, Coma G, Arregui I, Guisasola C, Ruiz E, et al. Titanium allergy in dental implant patients: a clinical study on 1500 consecutive patients. *Clin Oral Implants Res.* 2008;19(8):823-35.
 4. Jacobi-Gresser E, Huesker K, Schütt S. Genetic and immunological markers predict titanium implant failure: a retrospective study. *Int J Oral Maxillofac Surg.* 2013;42(4):537-43.
 5. Lee TM, Tsai RS, Chang E, Yang CY, Yang MR. Biological responses of neonatal rat calvarial osteoblasts on plasma-sprayed HA/ZrO₂ composite coating. *J Mater Sci Mater Med.* 2002;13(3):281-7.
 6. Weingart D, Steinemann S, Schilli W, Strub JR, Hellerich U, Assenmacher J, et al. Titanium deposition in regional lymph nodes after insertion of titanium screw implants in maxillofacial region. *Int J Oral Maxillofac Surg.* 1994;23(6 Pt 2):450-2.
 7. Andreiotelli M, Kohal RJ. Fracture strength of zirconia implants after artificial aging. *Clin Implant Dent Relat Res.* 2009;11(2):158-66.
 8. Depprich R, Zipprich H, Ommerborn M, Naujoks C, Wiesmann HP, Kiattavorncharoen S, et al. Osseointegration of zirconia implants compared with titanium: an in vivo study. *Head Face Med.* 2008;4:30.
 9. Sennerby L, Dasmah A, Larsson B, Iverhed M. Bone tissue responses to surface-modified zirconia implants: A histomorphometric and removal torque study in the rabbit. *Clin Implant Dent Relat Res.* 2005;7 Suppl 1:S13-20.
 10. Hashim D, Cionca N, Courvoisier DS, Mombelli A. A systematic review of the clinical survival of zirconia implants. *Clin Oral Investig.* 2016;20(7):1403-17.

11. Gahlert M, Röhling S, Wieland M, Sprecher CM, Kniha H, Milz S. Osseointegration of zirconia and titanium dental implants: a histological and histomorphometrical study in the maxilla of pigs. *Clin Oral Implants Res.* 2009;20(11):1247-53.
12. Gahlert M, Röhling S, Wieland M, Eichhorn S, Küchenhoff H, Kniha H. A comparison study of the osseointegration of zirconia and titanium dental implants. A biomechanical evaluation in the maxilla of pigs. *Clin Implant Dent Relat Res.* 2010;12(4):297-305.
13. Nascimento C, Pita MS, Fernandes FH, Pedrazzi V, de Albuquerque Junior RF, Ribeiro RF. Bacterial adhesion on the titanium and zirconia abutment surfaces. *Clin Oral Implants Res.* 2014;25(3):337-43.
14. Scarano A, Piattelli M, Caputi S, Favero GA, Piattelli A. Bacterial adhesion on commercially pure titanium and zirconium oxide disks: an in vivo human study. *J Periodontol.* 2004;75(2):292-6.
15. Degidi M, Artese L, Scarano A, Perrotti V, Gehrke P, Piattelli A. Inflammatory infiltrate, microvessel density, nitric oxide synthase expression, vascular endothelial growth factor expression, and proliferative activity in peri-implant soft tissues around titanium and zirconium oxide healing caps. *J Periodontol.* 2006;77(1):73-80.
16. Welander M, Abrahamsson I, Berglundh T. The mucosal barrier at implant abutments of different materials. *Clin Oral Implants Res.* 2008;19(7):635-41.