

LITERATURE

Ceramic implants – naturally beautiful and clinically proven

Dr Frederic Hermann. M. Sc., Germany

ceramic implants: international magazine of ceramic implant technology, 1/17

1. Bächle M, Butz F, Hübner U, Bakalinis E, Kohal RJ. Behavior of CAL72 osteoblast-like cells cultured on zirconia ceramics with different surface topographies. Clin Oral Implants Res. 2007;18(1):53-9.
2. Koch FP, Wenig D, Krämer S, Biesterfeld S, Jahn-imerbacher A, Wagner W. Osseointegration of one-piece zirconia implants compared with a titanium implant of identical design: a histomorphometric study in the dog. Clin Oral Implants Res. 2010;21(3):350-6.
3. Depprich R, Zipprich H, Ommerborn M, Mahn E, Lammers L, Handschel J, Naujoks C, Wiesmann HP, Kübler NR, Meyer U. Osseointegration of zirconia implants: a SEM observation of the bone-implant interface. Head Face Med. 2008 Nov 6;4:25.
4. Depprich R, Zipprich H, Ommerborn M, Naujoks C, Wiesmann HP, Kiattavorncharoen S, Lauer HC, Meyer U, Kübler NR, Handschel J. Osseointegration of zirconia implants compared with titanium: an in vivo study Head Face Med. 2008 Dec 11;4:30.
5. Thoma DS, Benic GI, Muñoz F, Kohal R, Sanz Martin I, Cantalapiedra AG, Hämmerle CH, Jung RE. Histological analysis of loaded zirconia and titanium dental implants: an experimental study in the dog mandible. J Clin Periodontol. 2015 Oct;42(10):967-75.
6. Roehling S, Astasov-Frauenhoffer M, Hauser-Gerspach I, Braissant O, Woelfler H, Waltimo T, Kniha H, Gahlert M. In Vitro Biofilm Formation on Titanium and Zirconia Implant Surfaces. J Periodontol. 2017 Mar;88(3):298-307.
7. Buser D, Sennerby L, De Bruyn H. Modern implant dentistry based on osseointegration : 50 years of progress, current trends and open questions. Periodontol 2000. 2017;73(1):7-12.
8. Holländer J, Lorenz J, Stübinger S, Hölscher W, Heidemann D, Ghanaati S, Sader R. Zirconia dental implants: investigation of clinical parameters, patient satisfaction, and microbial contamination. Int J Oral Maxillofac Implants 2016;31:855-864.
9. Kokovic V, Vasovic M, Shafi E. Assessment of primary implant stability of self-taping implants using resonance frequency analysis. Saudi J Dent Sci 2014;6:35-49.
10. Tattan M, Kokovic V. Titanium or Zirconia? Clinical assessment of primary implant stability. 8th Dental-Facial Cosmetic int'l Conference 2016, Dubai UAE.
11. Sailer H F, Pajarola G F: Orale Chirurgie. Farbatlant der Zahnmedizin Bd. 11. Thieme Stuttgart 1996, 2–22.
12. Balleri P, Cozzolino A, Ghelli L, Momicchioli G, Varriale A. Stability measurement of osseointegrated implants using Osstell in partially edentulous jaws after 1 year of loading: a pilot study. Clin Implant Dent related Res 2002;4(3):128-32.
13. Kokovic V, Rahman MM, Rahman B, Tattan M. Assessment of implant stability of two-piece zirconium dioxide implants using the resonance frequency analysis: A pilot study. Int J Experiment Dent Sci 2015;4(2):87-94.
14. Silla M, Elichberger M, Stawarczyk B. Polyetherketonketon (PEKK) als Restaurationswerkstoff in der modernen Zahnmedizin: eine Literaturübersicht. Quintessenz Zahntech 2016;42(2):176-190.