

References

Creating natural emergence profiles

in the aesthetic zone

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ceramic implants – international magazine of ceramic implant technology 1/21

1. Adell R, Lekholm U, Rockler B, et al. A 15-year study of osseointegrated implants in the treatment of the edentulous jaw. *Int J Oral Surg.* 1981;10(6):387-416.
2. Adell R, Eriksson B, Lekholm U, et al. Long-term follow up study of osseointegrated implants in the treatment of totally edentulous jaws. *Int J Oral Maxillofac Implants.* 1990;5(4):347-359.
3. Petrunaro PS. Implant placement and provisionalization in extraction, edentulous, and sinus grafted sites: a clinical report on 1,500 sites. *Compend Contin Educ Dent.* 2005;26(12):879-890.
4. Kan JY, Rungcharassaeng K, Lozada JL. Bilaminar subepithelial connective tissue grafts for immediate implant placement and provisionalization in the esthetic zone. *J Calif Dent Assoc.* 2005;33(11):865-871.
5. Kan JY, Rungcharassaeng K, Morimoto T, et al. Facial gingival tissue stability after connective tissue graft with single immediate tooth replacement in the esthetic zone: consecutive case report. *J Oral Maxillofac Surg.* 2009;67(11 Suppl):40-48.
6. Petrunaro PS. Immediate restoration of dental implants in the aesthetic zone. *Dent Implantol Update.* 2001;12(12):89-95.
7. Wöhrle PS. Single-tooth replacement in the aesthetic zone with immediate provisionalization: fourteen consecutive case reports. *Pract Periodontics Aesthet Dent.* 1998;10(9):1107-1114; quiz 1116.
8. Petrunaro PS. An update on implant placement and provisionalization in extraction, edentulous, and sinus-grafted sites: a clinical report on 3200 sites over 8 years. *Compend Contin Educ Dent.* 2008;29(5):288-294,296, 298-300.
9. Kan JY, Rungcharassaeng K, Lozada J. Immediate placement and provisionalization of maxillary anterior single implants: 1-year prospective study. *Int J Oral Maxillofac Implants.* 2003;18(1):31-39.
10. Kan JY, Morimoto T, Rungcharassaeng K, et al. Gingival biotype assessment in the esthetic zone: visual versus direct measurement. *Int J Periodontics Restorative Dent.* 2010;30(3):237-243.
11. Petrunaro PS. Options for the esthetic zone using the immediate restoration procedure: observational data of 15 Years and 5000 Implants. *Compend Contin Educ Dent.* 2017;38(5):318-325.
12. Stejskal J, Stejskal VD. The role of metals in autoimmunity and the link to neuroendocrinology. *Neuro Endocrinol Lett.* 1999;20(6):351-364.
13. Yamauchi R, Morita A, Tsuji T. Pacemaker dermatitis from titanium. *Contact Dermatitis.* 2000;42(1):52-53.
14. Andreiotelli M, Kohal RJ. Fracture strength of zirconia implants after artificial aging. *Clin Implant Dent Relat Res.* 2009;11(2):158-166.

15. Sennerby L, Dasmah A, Larsson B, et al. 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.
16. Piconi C, Maccauro G. Zirconia as a ceramic biomaterial. *Biomaterials*. 1999;20(1):1-25.
17. Warashina H, Sakano S, Kitamura S, et al. Biological reaction to alumina, zirconia, titanium and polyethylene particles implanted onto murine calvaria. *Biomaterials*. 2003;24(21):3655-3661.
18. Bacchelli B, Giavaresi G, Franchi M, et al. Influence of a zirconia sandblasting treated surface on peri-implant bone healing: an experimental study in sheep. *Acta Biomater*. 2009;5(6):2246-2257.
19. Wenz HJ, Bartsch J, Wolfart S, et al. Osseointegration and clinical success of zirconia dental implants: a systematic review. *Int J Prosthodont*. 2008;21(1):27-36.
20. Lacefield WR. Materials characteristics of uncoated/ceramic-coated implant materials. *Adv Dent Rec*. 1999;13:21-26.
21. Kohal RJ, Klaus G. A zirconia implant-crown system: a case report. *Int J Periodontics Restorative Dent*. 2004;24(2):147-153.
22. Cortes AR, Ferraz P, Tosta M. Influence of etiologic factors in peri-implantitis: literature review and case report. *J Oral Implantol*. 2012;38(5):633-637.
23. Heuer W, Elter C, Demling A, et al. Analysis of early biofilm formation on oral implants in man. *J Oral Rehabil*. 2007;34(5):377-382.
24. George K, Zafiroopoulos GG, Murat Y, et al. Clinical and microbiological status of osseointegrated implants. *J Periodontol*. 1994;65(8):766-770.
25. Montes CC, Pereira FA, Thomé G, et al. Failing factors associated with osseointegrated dental implant loss. *Implant Dent*. 2007;16(4):404-412.
26. Apse P, Ellen RP, Overall CM, et al. Microbiota and crevicular fluid collagenase activity in the osseointegrated dental implant sulcus: a comparison of sites in edentulous and partially edentulous patients. *J Periodontol Res*. 1989;24(2):96-105.
27. Bormann KH, Stühmer C, Z'Graggen M, et al. IL-1 polymorphism and periimplantitis. A literature review. *Schweiz Monatsschr Zahnmed*. 2010;120(6):510-520.
28. Plagnat D, Giannopoulou C, Carrel A, et al. Elastase, alpha2-macroglobulin and alkaline phosphatase in crevicular fluid from implants with or without periimplantitis. *Clin Oral Implants Res*. 2002;13(3):227-233.
29. Pirker W, Kocher A. Immediate, non-submerged, root-analogue zirconia implant in single tooth replacement. *Int J Oral Maxillofac Surg*. 2008;37(3):293-295.
30. Silva NR, Coelho PG, Fernandes CA, et al. Reliability of one-piece ceramic implant. *J Biomed Mater Res B Appl Biomater*. 2009;88(2):419-426.
31. Petrunaro, PS. Zirconia Implants in the Esthetic Zone. Immediate Placement and Provisional Restoration. *Inside Dent*. 2019;15(3):38-48.
32. Petrunaro, PS. Tooth Replacement with One-Piece Zirconia Implants. Laying the foundation for soft-tissue aesthetics. *Ceramic Implants*. 2019;(1):10-15.
33. Petrunaro PS, Rassi P. Immediate Restoration of One- Piece Zirconia Implants. *Ceramic Implants*. 2019;(2):34-39.