

Good soft-tissue seal and a passive fit in immediate loading

The use of a Unit abutment for a screw-retained crown restoration of a single implant

DR EDUARDO ANITUA, VITORIA, SPAIN

Literature

1. Levine RA, Clem D, Beagle J, Ganeles J, Johnson P, Solnit G, Keller GW. Multicenter retrospective analysis of the solid-screw ITI implant for posterior single-tooth replacements. *Int J Oral Maxillofac Implants* 2002;17(4):550-6.
2. Duncan JP, Nazarova E, Vogiatzi T, Taylor TD. Prosthodontic complications in a prospective clinical trial of single-stage implants at 36 months. *Int J Oral Maxillofac Implants* 2003;18:561-565.
3. Brägger U, Karoussis I, Persson R, Pjetursson B, Salvi G, Lang NP. Technical and biological complications/failures with single crowns and fixed partial dentures on implants: a 10-year prospective cohort study. *Clin Oral Impl Res* 2005;16:326-334.
4. Nedir R, Bischof M, Szmukler-Moncler S, Belser UC, Samson J. Prosthetic complications with dental implants: from an up-to-8-year experience in private practice. *Int J Oral Maxillofac Implants* 2006;6:919-928.
5. Weber HP, Kim DM, Ng MW, Hwang JW, Fiorellini JP. Peri-implant soft-tissue health surrounding cement- and screw-retained implant restorations: a multi-center, 3-year prospective study. *Clin Oral Implants Res.* 2006;17(4):375- 9.
6. Millen C, Brägger U, Wittneben JG. Influence of prosthesis type and retention mechanism on complications with fixed implant-supported prostheses: a systematic review applying multivariate analyses. *Int J Oral Maxill Implants* 2015;30:110-24.
7. H. Michel, T. Czerwic, M. Gantois, D. Ablitzer, A. Ricard. Progress in the analysis of the mechanisms of ion nitriding. *Surface and Coatings Technology* 72 (1995) 103-111.
8. Li H, Luo J, Qin T, Li J, Feng J, Huang W, He X. [Bio-tribological properties of dental prosthesis made of nitriding titanium alloy material]. *Sheng Wu Yi Xue Gong Cheng Xue Za Zhi.* 2004 Apr;21(2):261-3.
9. Da Silva JS, Amico SC, Rodrigues AO, Barboza CA, Alves C Jr, Croci AT. Osteoblastlike cell adhesion on titanium surfaces modified by plasma nitriding. *Int J Oral Maxillofac Implants* 2011 Mar-Apr;26(2):237-44.
10. Anitua E, Orive G, Aguirre JJ, Andía I. Clinical outcome of immediately loaded dental implants bioactivated with plasma rich in growth factors: a 5-year retrospective study. *J Periodontol.* 2008 Jul;79(7):1168-76.