

**A post-extractive implant case with a CAD/CAM solution on a zirconia collar tissue-level implant**

# Benefits of an immediate tissue-level implant protocol

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**Literature**

1. Ebenezer V, Balakrishnan K, Asir RV, Sragunar B. Immediate placement of endosseous implants into the extraction sockets. *J Pharm Bioallied Sci.* 2015;7(Suppl 1):S234-7.
2. Tadi DP, Pinisetti S, Gujjalapudi M, Kakaraparthi S, Kolasani B, Vadapalli SH. Evaluation of initial stability and crestal bone loss in immediate implant placement: An in vivo study. *J Int Soc Prev Community Dent.* 2014;4(3):139-44.
3. Van der Weijden F, Dell'Acqua F, Slot DE. Alveolar bone dimensional changes of post-extraction sockets in humans :a systematic review. *J Clin Periodontol* 2009; 36: 1048–1058. doi: 10.1111/j.1600-051X.2009.01482.x.
4. Tan WL, Wong TLT, Wong MCM, Lang NP. A systematic review of post extractional alveolar hard and soft tissue dimensional changes in humans. *Clin Oral Impl Res.* 2011;23(s5):1-21. doi: 10.1111/j.1600-0501.2011.02375.x.
5. Barone A, Aldini NN, Fini M, Giardino R, Calvo Guirado JL, Covani U. Xenograft versus extraction alone for ridge preservation after tooth removal: a clinical and histomorphometric study. *J Periodontol.* 2008 Aug;79(8):1370-7. doi: 10.1902/jop.2008.070628 .
6. Block MS, Mercante DE, Lurette D, Mohamed W, Ryser M, Castellon P. Prospective evaluation of immediate and delayed provisional single tooth restorations. *J Oral Maxillofac Surg.* 2009;67(11 suppl):89–107.
7. Pal US, Dhiman NK, Singh G, Singh RK, Mohammad S, Malkunje LR. Evaluation of implants placed immediately or delayed into extraction sites. *Natl J Maxillofac Surg.* 2011;2(1):54-62.
8. Tavarez RR, Dos Reis WL, Rocha AT, et al. Atraumatic extraction and immediate implant installation: The importance of maintaining the contour gingival tissues. *J Int Oral Health.* 2013;5(6):113-8.
9. Marya K, Goyal M, Jhamb A, Chawla S, Aggarwal A. A comparative evaluation of outcome of endosseous implants placed in fresh extraction sockets with and without use of Plasma Rich in Growth Factors. *International Journal of Oral Implantology and Clinical Research,* September-December 2010;1(3):123-135
10. Miron RJ, Fujioka-Kobayashi M, Hernandez M, Kandalam U, Zhang Y, Ghanaati S, Choukroun J. Injectable platelet rich fibrin (i-PRF): opportunities in regenerative dentistry? *Clin Oral Investig.* 2017 Nov;21(8):2619-2627. doi: 10.1007/s00784-017-2063-9. Epub 2017 Feb 2.
11. Rimondini, L., Cerroni, A., Carassi, A. and Torricelli, P. (2002) The Zirconia solution: reducing bacterial proliferation