

Multicentre studies on crestal bone level changes

Reproducible bone remodelling up to five years after loading

Dr Tony Aherne, Dr Stuart Aherne, Wilton, Cork, Ireland, and Dr Annika Meyer, Grenchen, Switzerland



Literaturangabe

- [1] Schwarz F, Hegewald A, Becker J. Impact of implant-abutment connection and positioning of the machined collar/microgap on crestal bone level changes: a systematic review. *Clin Oral Implants Res* 25, 2014, 417-425)
- [2] Degidi 2011 (Degidi, M., Perrotti, V., Shibli, J.A., Novaes, A.B., Piattelli, A. & Iezzi, G. (2011) Equicrestal and subcrestal dental implants: a histologic and histomorphometric evaluation of nine retrieved human implants. *Journal of Periodontology* 82:708–715.
- [3] Yi 2010 (Marginal bony changes in relation to different vertical positions of dental implants. Yi J-M, Lee J-K, Um H-S, Chang B-Seom. *J Periodontol Implant Sci* 2010; 40: 244-248).
- [4] Hermann 1997 (Hermann J, Cochran D, Nummikoski P, Buser D.: Crestal bone changes around titanium implants. A radiographic evaluation of unloaded nonsubmerged and submerged implants in the canine mandible. *J Periodontol* 1997;68: 1117-1130.)
- [5] Al-Nawas 2011 (Al-Nawas, B., Kammerer, P.W., Morbach, T., Ophoven, F. & Wagner, W. (2011) Retrospective clinical evaluation of an internal tube-in-tube dental implant after 4 years, with special emphasis on peri-implant bone resorption. *International Journal of Oral and Maxillofacial Implants* 26: 1309– 1316).
- [6] Alomrani AN, Hermann JS, Jones AA, Buser D, Schoolfield J, Cochran DL, The effect of a machined collar on coronal hard tissue around titanium implants: a radiographic study in canine mandible. *Nt J Oral Maxillofac Implants* 2005 Sept-Oct; 20(5): 677-86.
- [7] Lee H, Ercoli C, Funkenbusch P, Feng C: Effect of subgingival depth of implant placement on the dimensional accuracy of the implant impression: An in vitro study. *J Prosthet Dent* 2008;99:107-113),
- [8] Lincevicius, oral communication, EAO Dublin, 2013.
- [9] de Sanctis M, Vignoletti F, Discepoli N, Munoz F, Sanz M. Immediate implants at fresh extraction sockets: an experimental study in the beagle dog comparing four different implant systems. *Soft tissue findings. J Clin Periodontol* 2010; 37: 769–776
- [10] Gholami H, meriscske-Stern R, Kessler-Liechti G, Katsoulis J: Radiographic Bone level changes of implant supported restorations in edentulous and partially dentate patients: 5 years results.. *Int J Oral Maxillofac Implants* 2014;29:898-904)
- [11] Jaquiéry C, Ilgenstein B, Jungo M, Rüeger K, Chenaux S, Papanimitropoulos A, Jäger K. Clinical and Radiological Outcome of Titanium Implants in Clinical Practice: A 5 Year, Prospective, Multicenter Case Series. *Dent. J.* 2014, 2, 106-117.
- [12] (Albrektsson T, Zarb G, Worthington P, Eriksson AR. The long-term efficacy of currently used dental implants: A review and proposed criteria of success. *Int J Oral Maxillofac Implants.* 1986;1:11–25.
- [13] Hinkle RM, Rimer SR, Morgan MH, Zeman P. Loading of Titanium Implants With Hydrophilic Endosteal Surface 3Weeks After Insertion: Clinical and Radiological Outcome of a 12-Month Prospective Clinical Trial. *J Oral Maxillofac Surg* 72:1495-1502, 2014