

References

CBCT **bone-densitometry** for pre-surgical decision-making

Prof. Angelo Trödhan, Austria

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1. Esposito, M., Grusovin, M. G., Willings, M., Coulthard, P., & Worthington, H. V. (2007). The effectiveness of immediate, early, and conventional loading of dental implants: a Cochrane systematic review of randomized controlled clinical trials. *Int J Oral Maxillofac Implants*, 22(6).
2. Javed, F., & Romanos, G. E. (2010). The role of primary stability for successful immediate loading of dental implants. A literature review. *J Dent*, 38(8), 612–620.
3. Walker, L.R., Morris, G.A., & Novotny, P.J. (2011). Implant insertional torque values predict outcomes. *J Oral Max Fac Surg* 69(5), 1344–1349.
4. Cannizzaro, G., Leone, M., Ferri, V., Viola, P., Gelpi, F., & Esposito, M. (2012). Immediate loading of single implants inserted flapless with medium or high insertion torque: a 6-month follow-up of a split-mouth randomised controlled trial. *Eur J Oral Implantol*, 5(4), 333–342.
5. Turkyilmaz, I., Tumer, C., Ozbek, E. N., & Tözüm, T. F. (2007). Relations between the bone density values from computerized tomography, and implant stability parameters: a clinical study of 230 regular platform implants. *J Clin Periodontol*, 34(8), 716–722.
6. Pommer, B., Hof, M., Fädler, A., Gahleitner, A., Watzek, G., & Watzak, G. (2014). Primary implant stability in the atrophic sinus floor of human cadaver maxillae: impact of residual ridge height, bone density, and implant diameter. *Clin Oral Implants Res*, 25(2), e109–e113.
7. Wada, M., Suganami, T., Sogo, M., & Maeda, Y. (2016). Can we predict the insertion torque using the bone density around the implant?. *Int J Oral Maxillofac Surg*, 45(2), 221–225.
8. Di Lallo, S., Ricci, L., Orecchioni, S., Piattelli, A., Iezzi, G., & Perrotti, V. (2014). Resonance frequency analysis assessment of implants placed with a simultaneous or a delayed approach in grafted and nongrafted sinus sites: a 12-month clinical study. *Clin Impl Dent Rel Res*, 16(3), 394–400.
9. Troedhan, A., Schlichting, I., Kurrek, A., & Wainwright, M. (2014). Primary implant stability in augmented sinuslift-sites after completed bone regeneration: a randomized controlled clinical study comparing four subantrally inserted biomaterials. *Sci Rep*, 4, 5877.
10. Troedhan, A., Skiba, D., Ziad, M., & Wainwright, M. (2019). Can CBCT-bone-densitometry predict implant stability in augmented sinus-sites ? Results of a randomized clinical trial. *Clin Oral Impl Res*, 30: 10–10. doi:10.1111/clr.13_13508
11. Troedhan, A. C., Kurrek, A., Wainwright, M., & Jank, S. (2010). Hydrodynamic ultrasonic sinus floor elevation—an experimental study in sheep. *J Oral Maxillofac Surg*, 68(5), 1125–1130.
12. Troedhan, A., Kurrek, A., & Wainwright, M. (2012). Biological principles and physiology of bone regeneration under the Schneiderian Membrane after sinus lift surgery: a radiological study in 14 patients treated with the transcrestal hydrodynamic ultrasonic cavitation sinus lift (Intralift). *Int J Dent*, 2012, 576238.

13. Troedhan, A., Kurrek, A., Wainwright, M., & Jank, S. (2014). Schneiderian membrane detachment using transcresal hydrodynamic ultrasonic cavitation sinus lift: a human cadaver head study and histologic analysis. *J Oral Maxillofac Surg*, 72(8), 1503–e1.
14. Troedhan, A., Kurrek, A., Wainwright, M., Schlichting, I., Fischak-Treitl, B., & Ladentrog, M. (2013). The transcresal hydrodynamic ultrasonic cavitation sinuslift: results of a 2-year prospective multicentre study on 404 patients, 446 sinuslift sites and 637 inserted implants. *Open J Stomatol*, 3(09), 471.
15. Troedhan A, Mahmoud ZT, Wainwright M. (2017). Transcresal hydrodynamic ultrasonic cavitation sinuslift: results of randomized clinical study. *Clin Oral Impl Res*, 28, S14, 15 doi:10.1111/clr.14_13040.