

Dr. Alexandros Manolakis

**Prothetisch orientierte Planung einer Implantatversorgung im zahnlosen Kiefer –
Backward-Planning: Gegenüberstellung von zwei verschiedenen Vorgehensweisen**

- [1] Aparicio C, Perales P, Rangert B: Tilted implants as an alternative to maxillary sinus grafting: a clinical, radiologic, and periosteal study. *Clin Implant Dent Relat Res* 3, 39–49 (2001).
- [2] Assif D, Fenton A, Zarb G, Schmitt A: Comparative accuracy of implant impression procedures. *Int J Periodontics Restorative Dent* 1992;12 (2):112–21.
- [3] [Basten CH](#): The use of radiopaque templates for predictable implant placement. *Quintessence Int* 26 (9), 609–612 (1995).
- [4] Bayer G, Kistler F, Kistler S et al.: Versorgungsmöglichkeiten ohne Sinusbodenelevation mit angulierten Implantaten – 6 Jahre Erfahrungen. *Implantologie* 20, 195–204 (2012).
- [5] Nickenig HJ, Wichmann M, Hamel J, Schlegel KA, & Eitner S: Evaluation of the difference in accuracy between implant placement by virtual planning data and surgical guide templates versus the conventional free-hand method – a combined in vivo-in vitro technique using cone-beam CT (Part II). *J Craniomaxillofac Surg* 38 (7), 488–493 (2010).
- [6] Ongül D, Gökçen-Röhlig B, Şermet B, Keskin H: A comparative analysis of the accuracy of different direct impression techniques for multiple implants. *Australian Dental Journal* 2012 Jun;57(2):184–9.
- [7] Pappaspyridakos P, Lal K, White GS, Weber HP, Gallucci GO: Effect of splinted and nonsplinted impression techniques on the accuracy of fit of fixed implant prostheses in edentulous patients: a comparative study. *The International Journal of Oral & Maxillofacial Implants* 26 (6), 1267–1272 (2011).
- [8] Patzelt SB, Bahat O, Reynolds MA et al.: The all-on-four treatment concept: a systematic review. *Clin Implant Dent Relat Res* 2014 Dec;16(6):836–55. doi: 10.1111/cid.12068. Epub 2013 Apr 5.
- [9] Penarrocha-Oltra D, Candel-Marti E, Ata-Ali J et al.: Rehabilitation of the atrophic maxilla with tilted implants: review of the literature. *The Journal of Oral Implantology* 2013;39(5):625–632.
- [10] Quran Al FA, Rashdan BA, Zomar AAA, Weiner S: Passive fit and accuracy of three dental implant impression techniques. *Quintessence International*; 43(2):119–25 (2012).
- [11] Rugani P, Kirnbauer B, Arnetzl GV, et al.: Cone beam computerized tomography: basics for digital planning in oral surgery and implantology. *International Journal of Computerized Dentistry* 12, 131–145 (2009).