

## The fast way to restore a debilitating dentition

# “Go graftless”

DR BURZIN KHAN, MUMBAI, INDIA

### Literature

- [1] Maló, P., Rangert, B. and Nobre, M. (2003). "All-on-Four" Immediate-Function Concept with Bränemark System Implants for Completely Edentulous Mandibles: A Retrospective Clinical Study. *Clinical Implant Dentistry and Related Research*; 5: pp.2-9.
- [2] [www.bredent.com](http://www.bredent.com)
- [3] De Vico, G., Bonino, M., Spinelli, D., Schiavetti, R., Sannino, G., Pozzi, A., Ottria, L. (2011). Rationale for tilted implants: FEA considerations and clinical reports. *Oral Implantol (Rome)*; 4,23-33
- [4] Block, M., Haggerty, C., and Fisher, G. (2009). Nongrafting Implant Options for Restoration of the Edentulous Maxilla. *Journal of Oral and Maxillofacial Surgery*; 67(4): pp.872-81.
- [5] Krekmanov, L., et al. (2000). Tilting of posterior mandibular and maxillary implants of prosthesis support. *Int J Oral maxillofacial implants*; 15: pp.405–14
- [6] Aparicio, C., Perales, P., Rangert, B. (2001). Tilted implants as an alternative to maxillary sinus grafting: a clinical, radiologic, and periostest study. *Clin Implant Dent Relat Res.*; 3(1): pp. 39-49.
- [7] Fortin, Y., et al. (2002). The Marius Implant Bridge: Surgical and Prosthetic Rehabilitation for the Completely Edentulous Upper Jaw With Moderate to Severe Resorption: A 5-Year Retrospective Clinical Study. *Clin Implant Dent Relat Res*; 4(2): pp. 69-77.
- [8] Calandriello, R., Tomatis, M. (2005). Simplified treatment of the atrophic posterior maxilla via immediate/early function and tilted implants: A prospective 1-year clinical study. *Clin Implant Dent Relat Res.*; 7(S1), pp.1–12.
- [9] Capelli, M., Zuffetti, F., Del Fabbro, M., Testori, T. (2007). Immediate occlusal loading and tilted implants for the rehabilitation of the atrophic edentulous maxilla: 1-year interim results of a multicenter prospective study. *International Journal of Oral & Maxillofacial Implants*, 22(4,): pp. 639-644.
- [10] Ata-Ali, J., Peñarrocha-Oltra, D., Candel-Martí, ME., et al. (2012). Oral rehabilitation with tilted dental implants: A metaanalysis. *Medicina Oral Patología Oral y Cirugía Bucal*;17(4): pp. 582-587.
- [11] Flemming, I. (2006). Influence of forces on peri-implant bone. *Clinical Oral Implants Research*; 17(S2): pp 8-18.
- [12] Peer, N., „Bio Materials in Dentistry: Peek Optima and BioHPP- What are the indications and advantages; Are there applications in relation to dental implant treatments?“. PRWeb. //www.prweb.com/releases/2013/7/prweb10838417.htm.
- [13] Cigu, A.T., et al. (2015). Research of BioHPP System Behavior in the Oral Cavity. *International Journal of Medical Dentistry*; 5(1): pp. 1-8.
- [14] Del Fabbro, M., Ceresoli, V. (2014). The fate of marginal bone around axial vs. tilted implants: A Systematic Review; 7(S2): pp. 171-89.
- [15] Begg T., et al. (2009). Stress patterns around distal angled implants in the All-on-4 concept configuration. *Int J Oral Maxillofacial implants*; 24: pp. 663–71.
- [16] Kim, K.S., Kim, Y.L., Bae, J.M., Cho, H.W. (2011). Biomechanical Comparison of Axial and Tilted Implants for Mandibular Full-Arch Fixed Prostheses. *International Journal of Oral & Maxillofacial Implants*; 26(5): pp. 976-84.
- [17] Rangert, B., et al. (2005). All-on-4 Immediate-Function Concept with Bränemark System Implants for Completely Edentulous Maxillae: A 1-Year Retrospective Clinical Study. *Clinical Implant Dentistry and Related Research*; 7(1): pp.88–94.
- [18] Carvalho Silva, G., et al. (2010). Stress patterns on implants in prostheses supported by four or six implants. A three dimensional finite element analysis. *Int J Oral Maxillofac Implants*; 25: pp. 239–46.