

## Literatur

### **Vergleichsanalyse von Knochenersatzmaterial bei ehemaligen Tumorpatienten**

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- 1) Gil, Z.; Fliss, D. (2009): Contemporary management of head and neck cancers. In: *Isr. Med. Assoc. J* 11 (5), S. 296–300.
- 2) Jemal, A.; Siegel, R.; Xu, J.; Ward, E. (2010): Cancer statistics, 2010. In: *CA Cancer J Clin* 60 (5), S. 277–300.
- 3) Hunter, K.; Jolly, S. (2013): Clinical review of physical activity and functional considerations in head and neck cancer patients. In: *Support Care Cancer* 21 (5), S. 1475–1479.
- 4) Del Fabbro, M.; Rosano, G.; Taschieri, S. (2008): Implant survival rates after maxillary sinus augmentation. In: *Eur. J. Oral Sci* 116 (6), S. 497–506.
- 5) Damien, C.; Parsons, J. (1991): Bone graft and bone graft substitutes: a review of current technology and applications. In: *J Appl Biomater* 2 (3), S. 187–208.
- 6) Younger, E.; Chapman, M. (1989): Morbidity at bone graft donor sites. In: *J Orthop Trauma*; 3:192-5.
- 7) Stübinger, S.; Ghanaati, S.; Orth, C.; Hilbig, U.; Saldamli, B.; Biesterfeld, S. et al. (2009): Maxillary sinus grafting with a nano-structured biomaterial: preliminary clinical and histological results. In: *Eur Surg Res* 42 (3), S. 143–149.
- 8) Ghanaati, S.; Barbeck, M.; Willershausen, I.; Thimm, B.; Stuebinger, S.; Korzinskas, T. et al. (2012a): Nanocrystalline Hydroxyapatite Bone Substitute Leads to Sufficient Bone Tissue Formation Already after 3 Months: Histological and Histomorphometrical Analysis 3 and 6 Months following Human Sinus Cavity Augmentation. In: *Clin Implant Dent Relat Res*.
- 9) Ghanaati, S.; Lorenz, J.; Obreja, K.; Choukroun, J.; Landes, C.; Sader, R. (2013): Nanocrystalline hydroxyapatite-based material contributes to implant stability already after three month: A Clinical and radiological 3 year follow- up investigation. In: *J Oral Implantol*.
- 10) Jensen, S.; Aaboe, M.; Pinholt, E.; Hjørting-Hansen, E.; Melsen, F.; Ruyter, I. (1996): Tissue reaction and material characteristics of four bone substitutes. In: *Int J Oral Maxillofac Implants* 11 (1), S. 55–66.
- 11) Norton, M.; Odell, E.; Thompson, I.; Cook, R. (2003): Efficacy of bovine bone mineral for alveolar augmentation: a human histologic study. In: *Clin Oral Implants Res* 14 (6), S. 775–783.
- 12) Valentini P, Abensur DJ.; (2003): Maxillary sinus grafting with anorganic bovine bone: A clinical report of long-term results. In: *Int J Oral Maxillofac Implants*;18:556-60.
- 13) Mellonig, J.; Nevins, M. (1995): Guided bone regeneration of bone defects associated with implants: an evidence-based outcome assessment. In: *Int J Periodontics Restorative Dent* 15 (2), S. 168–185.
- 14) Gerber, T., Holzhueter, G., Knoblich, B., Doerfling, P., Bienengraeber, V., Henkel, K. (2000): Development of bioactive sol–gel material template for in vitro and in vivo synthesis of bone material. In: *J. Sol–Gel Sci. Technol.* 19 441–5.
- 15) Gerber, T., Traykova, T., Henkel, K., Bienengraeber, V. (2003): Development and in vivo test of sol–gel derived bone grafting materials In: *J. Sol–Gel Sci. Technol.* 26 1173–8
- 16) Gerike, W.; Bienengräber, V.; Henkel, K.; Bayerlein, T.; Proff, P.; Gedrange, T.; Gerber, T. (2006): The manufacture of synthetic non-sintered and degradable bone grafting substitutes. In: *Folia Morphol. (Warsz)* 65 (1), S. 54–55.
- 17) Benke, D.; Olah, A.; Möhler, H. (2001): Protein-chemical analysis of Bio-Oss bone substitute and evidence on its carbonate content. In: *Biomaterials* 22 (9), S. 1005–1012.
- 18) Ghanaati, S.; Orth, C.; Barbeck, M.; Willershausen, I.; Thimm, B. W.; Booms, P. et al. (2010a): Histological and histomorphometrical analysis of a silica matrix embedded

nanocrystalline hydroxyapatite bone substitute using the subcutaneous implantation model in Wistar rats. In: *Biomed Mater* 5 (3), S. 35005.

- 19) Ghanaati, S.; Barbeck, M.; Detsch, R.; Deisinger, U.; Hilbig, U.; Rausch, V. et al. (2012b): The chemical composition of synthetic bone substitutes influences tissue reactions in vivo: histological and histomorphometrical analysis of the cellular inflammatory response to hydroxyapatite, beta-tricalcium phosphate and biphasic calcium phosphate ceramics. In: *Biomed Mater* 7 (1), S. 15005.
- 20) Ghanaati, S.; Barbeck, M.; Orth, C.; Willershausen, I.; Thimm, B. W.; Hoffmann, C. et al. (2010b): Influence of  $\beta$ -tricalcium phosphate granule size and morphology on tissue reaction in vivo. In: *Acta Biomater* 6 (12), S. 4476–4487.
- 21) Neukam F.; DGZMK. Lebenserwartung von Implantaten und Implantatlager, Wissenschaftliche Stellungnahme Stand 2000. *DZZ* 55 (00)
- 22) Yildirim, M.; Spiekermann, H.; Biesterfeld, S.; Edelhoff, D. (2000): Maxillary sinus augmentation using xenogenic bone substitute material Bio-Oss in combination with venous blood. A histologic and histomorphometric study in humans. In: *Clin Oral Implants Res* 11 (3), S. 217–229.