Literaturliste

Optimale Knochenregeneration erreichen
DDr. Sebastian Sauerbier

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[1] Boyne P J,James R A (1980). Grafting of the maxillary sinus floor with autogenous marrow and bone. J Oral Surg 38(8): 613-6.

[2] Kent J N,Block M S (1989). Simultaneous maxillary sinus floor bone grafting and placement of hydroxylapatite-coated implants. J Oral Maxillofac Surg 47(3): 238-42.

[3] Raghoebar G M, Schortinghuis J, Liem R S, Ruben J L, van der Wal J E,Vissink A (2005). Does platelet-rich plasma promote remodeling of autologous bone grafts used for augmentation of the maxillary sinus floor? Clin Oral Implants Res 16(3): 349-56.

[4] Wheeler S L, Holmes R E,Calhoun C J (1996). Six-year clinical and histologic study of sinus-lift grafts. Int J Oral Maxillofac Implants 11(1): 26-34.

[5] Small S A, Zinner I D, Panno F V, Shapiro H J,Stein J I (1993). Augmenting the maxillary sinus for implants: report of 27 patients. Int J Oral Maxillofac Implants 8(5): 523-8.

[6] Keller E E, Eckert S E,Tolman D E (1994). Maxillary antral and nasal one-stage inlay composite bone graft: preliminary report on 30 recipient sites. J Oral Maxillofac Surg 52(5): 438-47; discussion 447-8.

[7] Raghoebar G M, Brouwer T J, Reintsema H,Van Oort R P (1993). Augmentation of the maxillary sinus floor with autogenous bone for the placement of endosseous implants: a preliminary report. J Oral Maxillofac Surg 51(11): 1198-203; discussion 1203-5.

[8] Nkenke E, Radespiel-Troger M, Wiltfang J, Schultze-Mosgau S, Winkler G,Neukam F W (2002). Morbidity of harvesting of retromolar bone grafts: a prospective study. Clin Oral Implants Res 13(5): 514-21.

[9] Emmerich (2007). Regenerative Medizin - Wir haben Goldadern aufgedeckt. Deutsches Ärzteblatt 46: 2774-5.

[10] Schmelzeisen R, Schimming R,Sittinger M (2003). Making bone: implant insertion into tissue-engineered bone for maxillary sinus floor augmentation-a preliminary report. J Craniomaxillofac Surg 31(1): 34-9.

[11] Mason C (2007). Regenerative medicine 2.0. Regen Med 2: 11-18.

[12] Fehrer C (2007). Reduced oxygen tension attenuates differentiation capacity of human mesenchymal stem cells and prolongs their lifespan. Aging Cell 6: 745-57.

[13] Kubler N R, Will C, Depprich R, Betz T, Reinhart E, Bill J S,Reuther J F (1999). [Comparative studies of sinus floor elevation with autologous or allogeneic bone tissue]. Mund Kiefer Gesichtschir 3 Suppl 1: S53-60.

[14] Caplan A I,Bruder S P (2001). Mesenchymal stem cells: building blocks for molecular medicine in the 21st century. Trends Mol Med 7(6): 259-64.

[15] Gutwald R, Haberstroh J, Kuschnierz J, Kister C, Lysek D A, Maglione M, Xavier S P, Oshima T, Schmelzeisen R,Sauerbier S (2010). Mesenchymal stem cells and inorganic bovine bone mineral in sinus augmentation: comparison with augmentation by autologous bone in adult sheep. Br J Oral Maxillofac Surg 48(4): 285-90.

[16] Thorwarth M, Schlegel K A, Wehrhan F, Srour S,Schultze-Mosgau S (2006). Acceleration of de novo bone formation following application of autogenous bone to particulated anorganic bovine material in vivo. Oral Surg Oral Med Oral Pathol Oral Radiol Endod 101(3): 309-16.

[17] Jaquiery C, Schaeren S, Farhadi J, Mainil-Varlet P, Kunz C, Zeilhofer H F, Heberer M,Martin I (2005). In vitro osteogenic differentiation and in vivo bone-forming capacity of human isogenic jaw periosteal cells and bone marrow stromal cells. Ann Surg 242(6): 859-67, discussion 867-8.

[18] Sauerbier S, Stubbe K, Maglione M, Haberstroh J, Kuschnierz J, Oshima T, Xavier S P, Brunnberg L, Schmelzeisen R,Gutwald R (2010a). Mesenchymal Stem Cells and Bovine Bone Mineral in Sinus Lift Procedures-An Experimental Study in Sheep. Tissue Eng Part C Methods.

[19] Pieri F L E, Corinaldesi G, Iezzi G, Piattelli A, Giardino R, Bassi M, (2008). Mesenchymal stem cells and platelet-rich plasma enhance bone formation in sinus grafting: a histomorphometric study in minipigs. J Clin Periodontol 35: 539–546.

[20] Schmelzeisen R, Gutwald R, Oshima T, Nagursky H, Vogeler M,Sauerbier S (2010). Making bone II: maxillary sinus augmentation with mononuclear cells-case report with a new clinical method. Br J Oral Maxillofac Surg.

[21] Sauerbier S, Stricker A, Kuschnierz J, Buhler F, Oshima T, Xavier S P, Schmelzeisen R,Gutwald R (2010b). In vivo comparison of hard tissue regeneration with human mesenchymal stem cells processed with either the FICOLL method or the BMAC method. Tissue Eng Part C Methods 16(2): 215-23.

[22] Rickert D, Sauerbier S, Nagursky H, Menne D, Vissink A,Raghoebar G M (2010). Maxillary sinus floor elevation with bovine bone mineral combined with either autogenous bone or autogenous stem cells: a prospective randomized clinical trial. Clin Oral Implants Res.

[23] Wongchuensoontorn C, Liebehenschel N, Schwarz U, Schmelzeisen R, Gutwald R, Ellis E, 3rd,Sauerbier S (2009). Application of a new chair-side method for the harvest of mesenchymal stem cells in a patient with nonunion of a fracture of the atrophic mandible--a case report. J Craniomaxillofac Surg 37(3): 155-61.

[24] Sauerbier S, Palmowski M, Vogeler M, Nagursky H, Al-Ahmad A, Fisch D, Hennig J, Schmelzeisen R, Gutwald R,Fasol U (2009). Onset and maintenance of angiogenesis in biomaterials: in vivo assessment by dynamic contrast-enhanced MRI. Tissue Eng Part C Methods 15(3): 455-62.

[25] Bone marrow concentrate and bovine bone mineral for sinus floor augmentation. A controlled, randomised, single-blinded clinical and histological trial: Per-Protocol Analysis. Sauerbier S, Rickert D, Gutwald R, Nagursky H, Oshima T, Xavier SP, Christmann J, Kurz P, Menne D, Vissink A, Raghoebar GM, Schmelzeisen R, Wagner W, Koch FP. Tissue Eng Part A. 2011 Apr 30. [Epub ahead of print]