

Ausgabe: DT Dental Tribune D-A-CH Edition 3/2017

Thema: Anwendung eines neuen xenogenen Knochenersatzmaterials

Autoren: Dr. Bastian Wessing, Dr. Martin Emmerich M.sc., Univ.-Prof. DDr. Werner Zechner

Literatur

1. Melcher AH (May 1976). "On the repair potential of periodontal tissues". *J. Periodontol.* 47 (5): 256–60.
2. Nyman S, Lindhe J, Karring T, Rylander H (July 1982). "New attachment following surgical treatment of human periodontal disease". *J. Clin. Periodontol.* 9 (4): 290–6.
3. Gottlow J, Nyman S, Karring T, Lindhe J (September 1984). "New attachment formation as the result of controlled tissue regeneration". *J. Clin. Periodontol.* 11 (8): 494–503.
4. Gottlow J, Nyman S, Lindhe J, Karring T, Wennström J (July 1986). "New attachment formation in the human periodontium by guided tissue regeneration. Case reports". *J. Clin. Periodontol.* 13 (6): 604–16.
5. Dahlin C, Linde A, Gottlow J, Nyman S. Healing of bone defects by guided tissue regeneration. *Plast Reconstr Surg.* 1988 May;81(5):672-6.
6. Aghaloo TL, Moy PK. Which hard tissue augmentation techniques are the most successful in furnishing bony support for implant placement? *Int J Oral Maxillofac Implants* 2007;22 Suppl:49-70.
7. Sanz-Sanchez I, Ortiz-Vigon A, Sanz-Martin I, Figuero E, Sanz M. Effectiveness of Lateral Bone Augmentation on the Alveolar Crest Dimension: A Systematic Review and Meta-analysis. *Journal of dental research* 2015;94:128s-142s.
8. Esposito M, Grusovin MG, Kwan S, Worthington HV, Coulthard P. Interventions for replacing missing teeth: bone augmentation techniques for dental implant treatment. *Cochrane Database Syst Rev.* 2008; 16 (3):CD003607.
9. Wang HL, Al-Shammari K. HVC ridge deficiency classification: a therapeutically oriented classification. *Int J Periodontics Restorative Dent.* 2002 Aug;22(4):335-43.
10. Hardwick et al., (modified) Membrane design criteria for guided bone regeneration of the alveolar ridge. In: Buser et al., *Guided bone regeneration in implant dentistry*, Chicago, Quintessenz, 1994
11. Gottlow, J. (1993). Guided tissue regeneration using bioresorbable and non-resorbable devices: Initial healing and longterm results. *Journal of Periodontology* 64, 1157–1165.
12. Urban IA, Nagursky H, Lozada JL, Nagy K. Horizontal ridge augmentation with a collagen membrane and a combination of particulated autogenous bone and anorganic bovine bone-derived mineral: a prospective case series in 25 patients. *Int J Periodontics Restorative Dent.* 2013 May-Jun;33(3):299-307.
13. Urban IA, Lozada JL, Wessing B, Suárez-López Del Amo F, Wang HL. Vertical Bone Grafting and Periosteal Vertical Mattress Suture for the Fixation of Resorbable Membranes and Stabilization of Particulate Grafts in Horizontal Guided Bone Regeneration to Achieve More Predictable Results: A Technical Report. *Int J Periodontics Restorative Dent.* 2016 Mar-Apr;36(2):153-9.
14. Mir-Mari J, Wui H, Jung RE, Hämmerle CH, Benic GI. Influence of blinded wound closure on the volume stability of different GBR materials: an in vitro cone-beam computed tomographic examination. *Clin Oral Implants Res.* 2016 Feb;27(2):258-65.

15. Cardaropoli D, Tamagnone L, Roffredo A, Gaveglione L, Cardaropoli G. Socket preservation using bovine bone mineral and collagen membrane: a randomized controlled clinical trial with histologic analysis. *Int J Periodontics Restorative Dent*. 2012 Aug;32(4):421-30.
16. Schneider D, Schmidlin PR, Philipp A, Annen BM, Ronay V, Hämmerle CH, Attin T, Jung RE. Labial soft tissue volume evaluation of different techniques for ridge preservation after tooth extraction: a randomized controlled clinical trial. *J Clin Periodontol*. 2014 Jun;41(6):612-7.
17. Wessing B, Emmerich M, Bozkurt A. Horizontal Ridge Augmentation with a Novel Resorbable Collagen Membrane: A Retrospective Analysis of 36 Consecutive Patients. *Int J Periodontics Restorative Dent*. 2016 Mar-Apr;36(2):179-87.
18. Yildirim M, Spiekermann H, Handt S, Edelhoff D. Maxillary sinus augmentation with the xenograft Bio-Oss and autogenous intraoral bone for qualitative improvement of the implant site: a histologic and histomorphometric clinical study in humans. *Int J Oral Maxillofac Implants*. 2001 Jan-Feb;16(1):23-33.
19. Wessing B, Lettner S, Zechner W. Guided bone regeneration with collagen membranes and particulate graft materials: A systematic review and meta-analysis. *Int J Oral Maxillofac Implants*. Submitted 2016.
20. Rhee S-H, et al. Effect of Heat-Treatment Temperature on the Osteoconductivity of the Apatite Derived from Bovine Bone. *Key Engineering Materials*. 2006; Vols. 309-311:41-44
21. P Ducheyne et al., *Comprehensive Biomaterials – Metallic ceramic and polymeric biomaterials* Vol. 1, 2011, P. 269
22. Barbeck M, Udeabor S, Lorenz J, Schlee M, Grosse Holthaus M, Raetscho N, Choukroun J, Sader R, Kirkpatrick CJ and Ghanaati S (2014) High-temperature sintering of xenogeneic bone substitutes leads to increased multinucleated giant cell formation: In vivo and preliminary clinical results. *J Oral Implantol* 41(5):e212–e222
23. Ronda M, Stacchi C. Management of a coronally advanced lingual flap in regenerative osseous surgery: a case series introducing a novel technique. *Int J Periodontics Restorative Dent*. 2011 Sep-Oct;31(5):505-13.
24. Fiorellini JP, Nevins ML. Localized ridge augmentation/preservation. A systematic review. *Ann Periodontol* 2003; 8: 321-7.