

## LITERATUR

**Ausgabe:** Implantologie Journal 11/20

**Thema:** Augmentation eines komplexen Knochendefekts  
Allogene Schalentchnik

**Autor:** Dr. med. dent. Robert Würdinger

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- [1] W. Knöfler, T. Barth, R. Graul, and D. Krampe, "Retrospective analysis of 10,000 implants from insertion up to 20 years—analysis of implantations using augmentative procedures," *Int. J. Implant Dent.*, vol. 2, no. 1, 2016.
- [2] L. Amorfini, M. Migliorati, A. Signori, A. Silvestrini-Biavati, and S. Benedicenti, "Block Allograft Technique versus Standard Guided Bone Regeneration: A Randomized Clinical Trial," *Clin. Implant Dent. Relat. Res.*, vol. 16, no. 5, pp. 655–667, Oct. 2014.
- [3] C. M. Schmitt, H. Doering, T. Schmidt, R. Lutz, F. W. Neukam, and K. A. Schlegel, "Histological results after maxillary sinus augmentation with Straumann® BoneCeramic, Bio-Oss®, Puros®, and autologous bone. A randomized controlled clinical trial.," *Clin. Oral Implants Res.*, vol. 24, no. 5, pp. 576–85, May 2013.
- [4] K. Al-Abedalla *et al.*, "Bone augmented with allograft onlays for implant placement could be comparable with native bone," *J. Oral Maxillofac. Surg.*, vol. 73, no. 11, pp. 2108–2122, 2015.
- [5] J. Nissan, V. Marilena, O. Gross, O. Mardinger, and G. Chaushu, "Histomorphometric analysis following augmentation of the anterior atrophic maxilla with cancellous bone block allograft.," *Int. J. Oral Maxillofac. Implants*, vol. 27, no. 1, pp. 84–9, Jan. 2012.
- [6] F. R. Kloss, V. Offermanns, and A. Kloss-Brandstätter, "Comparison of allogeneic and autogenous bone grafts for augmentation of alveolar ridge defects-A 12-month retrospective radiographic evaluation," *Clin. Oral Implants Res.*, vol. 29, no. 11, pp. 1163–1175, Nov. 2018.

- [7] M. Schlee, J.-F. Dehner, K. Baukloh, A. Happe, O. Seitz, and R. Sader, "Esthetic outcome of implant-based reconstructions in augmented bone: comparison of autologous and allogeneic bone block grafting with the pink esthetic score (PES).," *Head Face Med.*, vol. 10, no. 1, p. 21, May 2014.
- [8] F. Khoury and T. Hanser, "Three-Dimensional Vertical Alveolar Ridge Augmentation in the Posterior Maxilla: A 10-year Clinical Study," *Int. J. Oral Maxillofac. Implants*, vol. 34, no. 2, pp. 471–480, Mar. 2019.
- [9] F. Khoury and T. Hanser, "Mandibular Bone Block Harvesting from the Retromolar Region: A 10-Year Prospective Clinical Study," *Int. J. Oral Maxillofac. Implants*, vol. 30, no. 3, pp. 688–697, 2015.
- [10] M. T. Peck, "Alveolar ridge augmentation using the allograft bone shell technique," *J. Contemp. Dent. Pract.*, vol. 16, no. 9, pp. 768–773, 2015.
- [11] D. Mankow, "Versorgung des zahnlosen Oberkiefers mit verschraubter Brücke nach Augmentation," *Implantologie*, vol. 26, no. 3, pp. 259–266, 2018.
- [12] M. Jacotti, C. Barausse, and P. Felice, "Posterior atrophic mandible rehabilitation with onlay allograft created with CAD-CAM procedure: a case report.," *Implant Dent.*, vol. 23, no. 1, pp. 22–8, Feb. 2014.
- [13] A. Pabst *et al.*, "Influence of Different Rehydration Protocols on Biomechanical Properties of Allogeneic Cortical Bone Plates : A Combined in-vitro / in-vivo Study Influence of Different Rehydration Protocols on Biomechanical Properties of," *J. Investig. Surg.*, vol. 0, no. 0, pp. 1–7, 2020.
- [14] I. A. Urban, E. Montero, A. Monje, and I. Sanz-Sánchez, "Effectiveness of vertical ridge augmentation interventions. A systematic review and meta-analysis," *J. Clin. Periodontol.*, pp. 0–3, 2019.
- [15] L. Cordaro, F. Torsello, M. T. Miuccio, V. M. di Torresanto, and D. Eliopoulos, "Mandibular bone harvesting for alveolar reconstruction and implant placement: subjective and objective cross-sectional evaluation of donor and recipient site up to 4 years.," *Clin. Oral Implants Res.*, vol. 22, no. 11, pp. 1320–6, Nov. 2011.
- [16] E. Nkenke *et al.*, "Morbidity of harvesting of bone grafts from the iliac crest for preprosthetic augmentation procedures: A prospective study," *Int. J. Oral Maxillofac. Surg.*, vol. 33, no. 2, pp. 157–163, Aug. 2004.

- [17] L. De Stavola and J. Tunkel, "Results of vertical bone augmentation with autogenous bone block grafts and the tunnel technique: a clinical prospective study of 10 consecutively treated patients.," *Int. J. Periodontics Restorative Dent.*, vol. 33, no. 5, pp. 651–9.
- [18] L. De Stavola and J. Tunkel, "A new approach to maintenance of regenerated autogenous bone volume: delayed relining with xenograft and resorbable membrane.," *Int. J. Oral Maxillofac. Implants*, vol. 28, no. 4, pp. 1062–7.
- [19] F. Rudolf, K. Vincent, and A. Kloss-brandstätter, "Customized allogeneic bone grafts for maxillary horizontal augmentation : A 5-year follow-up radiographic and histologic evaluation," *Clin. case reports*, no. September 2019, pp. 1–8, 2020.
- [20] S. Wen, S. Barootchi, W. Huang, and H. Wang, "Time Analysis of Alveolar Ridge Preservation Using a Combinations of Mineralized bone-plug and dense – polytetrafluoroethylene membrane: A Histomorphometric Study," *J. Periodontol.*, p. JPER.19-0142, Aug. 2019.
- [21] L. Tunkel, Jochen; de Stavola, "Augmentation mit allogenen und autologen Knochenplatten und konsekutivem Relining im Split-Mouth Design – ein Fallbericht," *J. Dent. Implantol.*, vol. 35, no. 2, pp. 124–133, 2019.
- [22] R. Würdinger, "Allogene 3-D-Knochenblock-augmentation in Schalenteknik," *Implantol. J. OEMUS Verlag*, vol. 4, pp. 24–29, 2018.
- [23] E. Kapogianni, "Kieferkammaugmentation mittels allogener Knochenplatten," *Dent. Implantol.*, vol. 22, no. 02, pp. 74–83, 2018.
- [24] R. Würdinger and P. Donkiewicz, "Allogeneic cortical struts and bone granules for challenging alveolar reconstructions: An innovative approach toward an established technique," *J. Esthet. Restor. Dent.*, no. June, pp. 1–10, 2020.
- [25] B. Trajkovski, M. Jaunich, W. D. Müller, F. Beuer, G. G. Zafiropoulos, and A. Houshmand, "Hydrophilicity, viscoelastic, and physicochemical properties variations in dental bone grafting substitutes," *Materials (Basel)*, vol. 11, no. 2, 2018.