

Literatur

Kammverbreiterung unter Verwendung einer Ribose-kreuzvernetzten Kollagenmembran

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1. SANZ-SÁNCHEZ I, ORTIZ-VIGÓN A, SANZ-MARTÍN I, FIGUERO E, SANZ M. 2015. Effectiveness of Lateral Bone Augmentation on the Alveolar Crest Dimension A Systematic Review and Meta-analysis. doi: 10.1177/0022034515594780.
2. BENIC GI, HÄMMERLE CH. 2014. Horizontal bone augmentation by means of guided bone regeneration. *Periodontol 2000*. 66(1):13–40
3. ANTOUN H, SITBON JM, MARTINEZ H, MISSIKA P. 2001. A prospective randomized study comparing two techniques of bone augmentation: onlay graft alone or associated with a membrane. *Clin Oral Implants Res.* 12(6):632–639.
4. CORDARO L, TORSELLO F, MORCAVALLO S, DI TORRESANTO VM. 2011. Effect of bovine bone and collagen membranes on healing of mandibular bone blocks: a prospective randomized controlled study. *Clin Oral Implants Res.* 22(10):1145–1150.
5. TATAKIS D N, PROMSUDTHI A, WIKESJÖ U M: Devices for periodontal regeneration. *Periodontol 2000* 19: 59–73 (1999).
6. OWENS K W, YUKNA R A: Collagen membrane resorption in dogs: a comparative study. *Implant Dent* 10: 49–58 (2001).
7. OH T J, MERAW S J, LEE E J, GIANNOBILE W V, WANG H L: Comparative analysis of collagen membranes for the treatment of implant dehiscence defects. *Clin Oral Implants Res* 14: 80–90 (2003).
8. ROTHAMEL D, SCHWARZ F, SAGER M, HERTEN M, SCULEAN A, BECKER J: Biodegradation of differently cross-linked collagen membranes. An experimental study in the rat. *Clin Oral Implants Res* 16: 369–378 (2005).
9. GOISSIS G, MARCANTONIO E Jr., MARCANTONIO RA, LIA RC, CANCIAN DC, DE CARVALHO WM. Biocompatibility studies of anionic collagen membranes with different degree of glutaraldehyde cross-linking. *Biomaterials* 1999;20:27-34.
10. ROTHAMEL D, SCHWARZ F, SCULEAN A, HERTEN M, SCHERBAUM W, BECKER J: Biocompatibility of various collagen membranes in cultures of human PDL fibroblasts and osteoblast-like cells. *Clin Oral Implants Res* 15: 443–449 (2004).
11. MOSES O, PITARU S, ARTZI Z, NEMCOVSKY CE. (2005) Healing of dehiscence-type defects in implants placed together with different barrier membranes: a comparative clinical study. *Clin Oral Implants Res.* 16, 210-219.
12. FRIEDMANN A, GISSEL K, SOUDAN M, KLEBER BM, PITARU S, DIETRICH T. (2011); Randomized controlled trial on lateral augmentation using two collagen membranes: morphometric results on mineralized tissue compound. *J Clin Periodontol.* 38: 677-685 15.

13. SCHEYER ET, MCGUIRE MK. (2014) Evaluation of Premature Membrane Exposure and Early Healing in Guided Bone Regeneration Peri-Implant Dehiscence and Fenestration Defects with a Slowly Resorbing Porcine Collagen Ribose Cross-Linked Membrane: A Consecutive Case Series.
14. LE B, ROHRER MD, PRASSAD HS. (2010) Screw "Tent-Pole" Grafting Technique for Reconstruction of Large Vertical Alveolar Ridge Defects Using Human Mineralized Allograft for Implant Site Preparation. *J Oral Maxillofac Surg* 68:428-435, 2010.
15. KLINGER A, ASAD R, SHAPIRA L, ZUBERY Y. (2010) In vivo degradation of collagen barrier membranes exposed to the oral cavity. *Clin. Oral Impl. Res.* 21, 873–876.
16. ZUBERY Y, GOLDLUST A, ALVES A, NIR E. (2007) Ossification of a novel cross-linked porcine collagen barrier in guided bone regeneration in dogs. *J Periodontol.* 78(1):112-121. 54. ZUBERY Y, NIR E, GOLDLUST A. (2008) Ossification of a collagen membrane cross-linked by sugar: a human case series. *J Periodontol.* 79(6):1101-1107.
17. BEITLITUM I, ARTZI Z, NEMCOVSKY CE (2010) Clinical evaluation of particulate allogeneic with and without autogenous bone grafts and resorbable collagen membranes for bone augmentation of atrophic alveolar ridges. *Clin. Oral Impl. Res.* 21, 2010; 1242–1250. 4.
18. BOYNE, P. J. & JAMES, R. A. (1980) Grafting of the maxillary sinus floor with autogenous marrow and bone. *Journal of Oral Surgery* 38, 613–616.
19. BUNYARATAVEJ P, WANG H L: Collagen membranes: a review. *J Periodontol* 72: 215–229 (2001)
20. DAHLIN C, LINDE A, GOTTLow J, NYMAN S: Healing of bone defects by guided tissue regeneration. *Plast Reconstr Surg* 81: 672–676 (1988)
21. DAHLIN C, SENNERBY L, LEKHOLM U, LINDE A, NYMAN S. Generation of new bone around titanium implants using a membrane technique: an experimental study in rabbits. *Int J Oral Maxillofac Implants.* 1989;4(1):19-25.
22. FRIEDMANN A, DEHNHARDT J, KLEBER BM, BERNIMOULIN JP.(2008); Cytobiocompatibility of collagen and ePTFE membranes on osteoblast-like cells in vitro. *J Biomed Mater Res A.* 15;86(4):935-41.
23. GOTTLow J, NYMAN S, KARRING T, LINDHE J: New attachment formation as the result of controlled tissue regeneration. *J Clin Periodontol* 11: 494–503 (1984)
24. GOTTLow J, NYMAN S, LINDHE J, KARRING T, WENNSTRÖM J: New attachment formation in the human periodontium by guided tissue regeneration. Case reports. *J Clin Periodontol* 13: 604–616 (1986)
25. HÄMMERLE C H, LANG N P: Single stage surgery combining transmucosal implant placement with guided bone regeneration and bioresorbable materials. *Clin Oral Implants Res* 12:9–18 (2001)

26. HANEY J M, NILVEUS R E, McMILLAN P J, WIKE SJÖ U M: Periodontal repair in dogs: expanded polytetrafl uoroethylene barrier membranes support wound stabilization and enhance bone regeneration. *J Periodontol* 64: 883–890 (1993).
27. MCALLISTER, B. S. & HAGHIGHAT, K. (2007) Bone augmentation techniques. *Journal of Periodontology* 78, 377–396.
28. MOSES O, VITRIAL D, ABOODI G, SCULEAN A, TAL H, KOZLOVSKY A, ARTZI Z, WEINREB M, NEMCOVSKY CE. (2008) Biodegradation of three different collagen membranes in the rat calvarium: a comparative study. *J Periodontol.* 79,905-911.
29. NYMAN S, LINDHE J, KARRING T, RYLANDER H: New attachment following surgical treatment of human periodontal disease. *J Clin Periodontol* 9: 290–296 (1982)
30. SELVIG K A, KERSTEN B G, CHAMBERLAIN A D, WIKE SJÖ U M, NILVEUS R E: Regenerative surgery of intrabony periodontal defects using ePTFE barrier membranes: scanning electron microscopic evaluation of retrieved membranes versus clinical healing. *J Periodontol* 63: 974–978 (1992).
31. SELA MN, BABITSKI E, STEINBERG D, KOHAVI D, ROSEN G. (2009) Degradation of collagen-guided tissue regeneration membranes by proteolytic enzymes of *Porphyromonas gingivalis* and its inhibition by antibacterial agents. *Clin. Oral Impl. Res.* 20; 496–502.
32. SIMION M, BALDONI M, ROSSI P, ZAFFE D. A comparative study of the effectiveness of e-PTFE membranes with and without early exposure during the healing period. *Int J Periodontics Restorative Dent.* 1994 Apr;14(2):166-80.
33. SOMERMAN M J, SAUK J J, FOSTER R A, NORRIS K, DICKERSON K, ARGRAVES W S: Cell attachment activity of cementum: bone sialoprotein II identified in cementum. *J Periodontal Res* 26:10–16 (1991).
34. TEMPRO P J, NALBANDIAN J: Colonization of retrieved polytetrafl uoroethylene membranes: morphological and microbiological observations. *J Periodontol* 64: 162–168 (1993).
35. WARNKE PH, DOUGLAS T, SIVANANTHAN S, WILTFANG J, SPRINGER I, BECKER ST. (2009) Tissue engineering of periosteal cell membranes in vitro. *Clin Oral Implants Res*, 20(8):761-766. 53.
36. WIKE SJÖ U M, NILVEUS R: Periodontal repair in dogs: effect of wound stabilization on healing. *J Periodontol* 61: 719–724 (1990).
37. WIKE SJÖ U M, CLAFFEY N, EGELBERG J: Periodontal repair in dogs. Effect of heparin treatment of the root surface. *J Clin Periodontol* 18: 60–64 (1991).
38. WIKE SJÖ U M, KEAN C J, ZIMMERMAN G J: Periodontal repair in dogs: supraalveolar defect models for evaluation of safety and efficacy of periodontal reconstructive therapy. *J Periodontol* 65:1151–1157 (1994).