

Studie: Augmentation von Alveolardefekten

Vergleich zwischen allogenem und alloplastischem Knochenregenerationsmaterial mit Pericardium Membran in der horizontalen gesteuerten Augmentation von Alveolardefekten. Von Nikolaos Papagiannoulis, Olaf Daum , Drazen Tadic und Marius Steigmann.

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Literatur

1. Biodegradation of differently cross-linked collagen membranes: an experimental study in the rat.

Rothamel D, Schwarz F, Sager M, Herten M, Sculean A, Becker J.

Department of Oral Surgery, Heinrich Heine University, D-40225 Düsseldorf, Germany.

rothamel@med.uni-duesseldorf.de

Clin Oral Implants Res. 2005 Jun;16(3):369-78

2. Biocompatibility of various collagen membranes in cultures of human PDL fibroblasts and human osteoblast-like cells.

Rothamel D, Schwarz F, Sculean A, Herten M, Scherbaum W, Becker J.

Department of Oral Surgery, Heinrich Heine University, Düsseldorf, Germany. rothamel@med.uni-duesseldorf.de

Clin Oral Implants Res. 2004 Aug;15(4):443-9.

3.[Use of native and cross-linked collagen membranes for guided tissue and bone regeneration].

Schwarz F, Sager M, Rothamel D, Herten M, Sculean A, Becker J.

Poliklinik für Zahnärztliche Chirurgie und Aufnahme, Westdeutsche Kieferklinik, Heinrich Heine Universität, Düsseldorf. info@frank-schwarz.de

Schweiz Monatsschr Zahnmed. 2006;116(11):1112-23.

4. Lateral ridge augmentation using autografts and barrier membranes: a clinical study with 40 partially edentulous patients.

Buser D, Dula K, Hirt HP, Schenk RK.

Department of Oral Surgery, University of Berne, Switzerland.

J Oral Maxillofac Surg. 1996 Apr;54(4):420-32; discussion 432-3.

5. Implant placement in large edentulous ridges expanded by GBR using a bioresorbable collagen membrane.

Parodi R, Carusi G, Santarelli G, Nanni F.
Int J Periodontics Restorative Dent. 1998 Jun;18(3):266-75.

6. Report of 302 consecutive ridge augmentation procedures: technical considerations and clinical results.

Fugazzotto PA.
Int J Oral Maxillofac Implants. 1998 May-Jun;13(3):358-68.

7. The treatment of partially edentulous patients with ITI hollow-screw implants: presurgical evaluation and surgical procedures.

Buser D, Weber HP, Brägger U.
Int J Oral Maxillofac Implants. 1990 Summer;5(2):165-75.
Department of Oral Surgery, School of Dental Medicine, University of Berne, Switzerland.

8. Einsatz von Epi-Guide Membranen in der Implantologie.

Steigmann M
Implantologie J Ausgabe, 4\02, 6 Jahrgang.

9. Guided bone regeneration using bone grafts and collagen membranes.

Wang HL, Carroll MG
Quintessenz Int. 2001; 32:504-515

10. Mineralized bone allograft-plug socket augmentation: rationale and technique.

Wang HL, Tsao YP.
Department of Periodontics and Oral Medicine, School of Dentistry, University of Michigan
Implant Dent. 2007 Mar;16(1):33-41.

11. Clinical evaluation of particulate allogeneic with and without autogenous bone grafts and resorbable collagen membranes for bone augmentation of atrophic alveolar ridges.

Beitlitz I, Artzi Z, Nemcovsky CE.
Department of Periodontology, The Maurice and Gabriela Goldschleger School of Dental Medicine, Tel Aviv University, Tel Aviv, Israel.
Clin Oral Implants Res. 2010 Nov;21(11):1242-50. doi: 10.1111/j.1600-0501.2010.01936.x.

12. Clinical and histologic evaluation of bone-replacement grafts in the treatment of localized alveolar ridge defects. Part 2: bioactive glass particulate.

Knapp CI, Feuille F, Cochran DL, Mellonig JT.

US Navy Dental Corps, Naval Dental Center, San Diego, California, USA.

Int J Periodontics Restorative Dent. 2003 Apr;23(2):129-37.

13. Lateral ridge augmentation using equine- and bovine-derived cancellous bone blocks: a feasibility study in dogs.

Schwarz F, Ferrari D, Balic E, Buser D, Becker J, Sager M.

Department of Oral Surgery, Heinrich Heine University, Düsseldorf, Germany.

Clin Oral Implants Res. 2010 Sep;21(9):904-12. Epub 2010 May 9.

14. Bone augmentation procedures in implant dentistry.

Chiapasco M, Casentini P, Zaniboni M.

Unit of Oral Surgery, Department of Medicine, Surgery and Dentistry, San Paolo Hospital, University of Milan, Via Beldiletto 1/3, 20142 Milan, Italy. matteo.chiapasco@unimi.it

Int J Oral Maxillofac Implants. 2009;24 Suppl:237-59.

15. Bone augmentation procedures in localized defects in the alveolar ridge: clinical results with different bone grafts and bone-substitute materials.

Jensen SS, Terheyden H.

Department of Oral and Maxillofacial Surgery, Copenhagen University Hospital Glostrup, DK-2600 Glostrup, Denmark. simon.storgaard@jensen.mail.dk

Int J Oral Maxillofac Implants. 2009;24 Suppl:218-36.

16. Histologic evaluation of socket augmentation with mineralized human allograft.

Wang HL, Tsao YP.

Department of Periodontics and Oral Medicine, School of Dentistry, University of Michigan, Ann Arbor, Michigan 48109-1078, USA. homlay@umich.edu

Int J Periodontics Restorative Dent. 2008 Jun;28(3):231-7.

17. Biocompatibility and Biodegradation of a Native, Porcine Pericardium Membrane. Results from in vitro/ in vivo Examination.

Rothamel D., Smeets R., Ritter L., Dreiseidler T., Fienitz T., Zöller J..

Int J Oral Maxillofac Implants. 2011 (eingereicht)

18. Periosteal pocket flap for horizontal bone regeneration: a case series.

Int J Periodontics Restorative Dent. 2012 Jun;32(3):311-20.

Steigmann M, Salama M, Wang HL.

19. Die Grenzen der Implantation mit simultaner gesteuerter Knochenregeneration.

ZMK, Jga25,ausgabe11, 11-2009

M.Steigmann

20. Comparison of six bone-graft substitutes regarding to cell seeding efficiency, metabolism and growth behaviour of human mesenchymal stem cells (MSC) in vitro.

Injury. 2010 Jul;41(7):731-8. Epub 2010 Mar 15.

Seebach C, Schultheiss J, Wilhelm K, Frank J, Henrich D.

21. Evaluation of a novel nanocrystalline hydroxyapatite paste and a solid hydroxyapatite ceramic for the treatment of critical size bone defects (CSD) in rabbits.

Mater Sci Mater Med. 2008 Jan;19(1):33-8. Epub 2007 Jun 14.

Huber FX, Berger I, McArthur N, Huber C, Kock HP, Hillmeier J, Meeder PJ.

22. Klinische Anwendung des bovinen, gesinterten Knochenersatzmaterials Cerabone, implantologische Fallbeobachtung.

Oral Implant, 4 Jahrgang, 4-2008

Rothamel D., Neugabuaer J., Scheer M., Lutz R., Zöller J.