

## A ribose cross-linked collagen membrane

# Socket management and socket preservation without bone replacement material

DR MICHAEL JABLONSKI, ALZENAU, GERMANY

### Literature

- [1] AMLER MH (1969): The time sequence of tissue regeneration in human extraction wounds. *J Oral Pathol Med* 1969(27): 309–318.
- [2] ARAUJO MG, SUKEKVA F, WENNSTRÖM JL, LINDHE J (2005): Ridge alterations following implant placement in fresh extraction sockets: An experimental study in dog. *J Clin Periodontol* 2005(32): 645–652.
- [3] ARAUJO MG, LINDER E, WENNSTRÖM JL, LINDHE J (2008): The Influence of Bio-Oss Collagen on Healing of an Extraction Socket: An experimental Study in the Dog. *Int. J. Periodont. Rest. Dent.* 2008(28):123-135.
- [4] BRKOVIC BMB, PRASAD HS, ROHRER MD, KONANDREAS G, AGROGIANNIS G, ANTUNOVIC D, SANDOR GKB (2012). Beta-tricalcium phosphate/type I collagen cones with or without a barrier membrane in human extraction socket healing: clinical, histologic, histomorphometric, and immunohistochemical evaluation. *Clin. Oral. Invest.* 2012(16):581- 590. 15
- [5] DARBY I, CHEN ST, BUSER D (2009). Ridge Preservation Techniques for Implant Therapy. *Int J Oral Maxillofac Impl* 2009;24(SUPPL):260–271
- [6] 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.
- [7] GOISSIS G, MARCANTONIO E Jr., MARCANTONIO RA, LIARIC, CANCIAN DC, DE CARVALHO WM. Biocompatibility studies of anionic collagen membranes with different degree of glutaraldehyde cross-linking. *Biomaterials* 1999;20:27-34.
- [8] 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.
- [9] 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* 2010;68:428-435.
- [10] NEVINS M, CAMELO M, DE PAOLI S, SIMION M, TINICI, WAGENBERG B (2006): A study of the fate of the buccal wall of extraction sockets of teeth with prominent roots. *Int J Periodontics and Restorative Dent* 2006(26):19–29.
- [11] NISSAN J, GHELFAN O, MARDINGER O, CALDERON S, CHAUSHU G (2009) Efficacy of Cancellous Block Allograft Augmentation Prior to Implant Placement in the Posterior Atrophic Mandible“ DOI 10.1111/j.1708-8208.2009.00219.x
- [12] 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. *Clinical Advances in Periodontics*; 2014; DOI: 10.1902/cap.2014.13008.
- [13] SCHROPP L, WENZEL A, KOSTOPOULUS L, KARRING T (2003): Bone healing changes and soft tissue contour changes following single-tooth extraction: A clinical and radiographic 12-month prospective study. *Int J Periodontics and Resorative Dent* 2003(23): 313–323.
- [14] SMUKLER H, LANDI L, SETAYESH R (1999): Histomorphometric evaluation of extraction sockets and deficient alveolar ridges treated with allograft and barrier membrane: a pilot study. *Int J Oral Max Impl* 1999(14):407–416.