

Clinical and scientific literature



Cytoplast™ PTFE non-resorbable membranes

EN – PTFE membrane / FR – Membrane en PTFE / ES – Membrana PTFE

EN – Published studies / FR – Études publiées / ES – Estudios publicados

- Barboza EP, Stutz B, Ferreira VF, et al. Guided bone regeneration using nonexpanded polytetrafluoroethylene membranes in preparation for dental implant placements - A report of 420 cases. *Implant Dent.* 2010;19:27.
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- Hoffman O, Bartee BK, Beaumont C, et al. Alveolar bone preservation in extraction sockets using non-resorbable dPTFE membranes: A retrospective non-randomized study. *J Periodontol.* 2008;79:1355-1369.
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- Fotek PD, Neiva RF, Wang HI. Comparison Of Dermal Matrix And Polytetrafluoroethylene Membrane For Socket Bone Augmentation: A Clinical And Histologic Study. *J Periodontol.* 2009;80:776-785.
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- Barboza EP, Francisco BS, Ferreira VF. Soft tissue enhancement using non-expanded PTFE membranes without primary closure. Presented at the 2008 Research Forum Poster Session. Annual Meeting of the American Academy of Periodontology (AAP) in Seattle, WA, September 6-9, 2008.
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- Avila-Ortiz G, Gubler M, Romero-Bustillos M, et al. Efficacy of Alveolar Ridge Preservation: A Randomized Controlled Trial. *J Dent Res.* 2020 Apr;99(4):402-409.
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- Wen SC, Barootchi S, Huang WX, et al. Time analysis of alveolar ridge preservation using a combination of mineralized bone-plug and dense-polytetrafluoroethylene membrane: A histomorphometric study. *J Periodontol.* 2020 Feb;91(2):215-222.
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- Mazor Z, Horowitz RA, Prasad H, et al. Healing Dynamics Following Alveolar Ridge Preservation with Autologous Tooth Structure. *Int J Periodontics Restorative Dent.* 2019 Sep/Oct;39(5):697-702.
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- Lai VJ, Michalek JE, Liu Q, et al. Ridge Preservation Following Tooth Extraction Using Bovine Xenograft Compared to Porcine Xenograft. A Randomized Controlled Clinical Trial. *J Periodontal.* 2020 Mar;91(3):361-368.
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- Faciola Pessôa De Oliveira PG, Pedroso Bergamo ET, Bordin D, et al. Ridge Architecture Preservation Following Minimally Traumatic Exodontia Techniques and Guided Tissue Regeneration. *Implant Dent.* 2019 Aug;28(4):319-328.
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- Cheng A, Berridge J, McGary R, et al. The Extraction Socket Management Continuum: A Hierarchical Approach to Dental Implant Site Development. *Clinical Advances in Periodontics*, Vol. 9, No. 2, June 2019.
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- Phillips DJ, Swenson DT, Johnson TM. Buccal bone thickness adjacent to virtual dental implants following guided bone regeneration. *J Periodontol.* 2019 Jun;90(6):595-607.
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- Wu IH, Bakhshalian N, Galaustian R, et al. Retrospective Analysis of the Outcome of Ridge Preservation with Anorganic Bovine Bone Mineral: Marginal Bone Level at Implants Placed Following Healing of Grafted Extraction Sockets. *Int J Periodontics Restorative Dent.* 2019 Jan/Feb;39(1):131-140.
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- Min S, Freire M, Bakshalian N, et al. A Histologic and Histomorphometric Retrospective Analysis of the Outcomes of Ridge Preservation Using Anorganic Bovine Bone Minerals and a Nonresorbable Membrane. *Int J Periodontics Restorative Dent.* 2018 September/October;38(5):637-644.
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- Demetter RS, Calahan BG, Mealey BL. Histologic Evaluation of Wound Healing After Ridge Preservation With Cortical, Cancellous, and Combined Cortico-Cancellous Freeze-Dried Bone Allograft: A Randomized Controlled Clinical Trial. *J Periodontol.* 2017 Sep;88(9):860-868.
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- Laurito D, Lollobrigida M, Gianno F, et al. Alveolar Ridge Preservation with nc-HA and d-PTFE Membrane: A Clinical, Histologic, and Histomorphometric Study. *Int J Periodontics Restorative Dent.* 2017 Mar/Apr;37(2):283-290.
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- Walker CJ, Prihoda TJ, Mealey BL, et al. Evaluation of Healing at Molar Extraction Sites With and Without Ridge Preservation: A Randomized Controlled Clinical Trial. *J Periodontol.* 2017 Mar;88(3):241-249.
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- Laurito D, Cugnetto R, Lollobrigida M, et al. Socket Preservation with d-PTFE Membrane: Histologic Analysis of the Newly Formed Matrix at Membrane Removal. *Int J Periodontics Restorative Dent.* 2016 Nov/Dec;36(6):877-883.
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- Borg TD, Mealey BL. Histologic healing following tooth extraction with ridge preservation using mineralized versus combined mineralized-deminerallized freeze-dried bone allograft: a randomized controlled clinical trial. *J Periodontol.* 2015 Mar;86(3):348-55.
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- Tovar N, Jimbo R, Marin C, et al. Bone regeneration around implants placed in fresh extraction sockets covered with a dual-layer PTFE/collagen membrane: an experimental study in dogs. *Int J Periodontics Restorative Dent.* 2014 Nov-Dec;34(6):849-55.
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- Barboza EP, Stutz B, Mandarino D, et al. Evaluation of a dense polytetrafluoroethylene membrane to increase keratinized tissue: a randomized controlled clinical trial. *Implant Dent.* 2014 Jun;23(3):289-94.
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EN - Published case series / FR - Série de cas publiée / ES - Serie de casos publicados

- Koidou VP, Chatzopoulos GS, Johnson D. The "Combo Technique": A Case Series Introducing the Use of a d-PTFE Membrane in Immediate Postextraction Guided Bone Regeneration. *J Oral Implantol.* 2019 Dec;45(6):486-493.
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- Nguyen V, Von Krockow N, Pouchet J, et al. Periosteal Inhibition Technique for Alveolar Ridge Preservation as It Applies to Implant Therapy. *Int J Periodontics Restorative Dent.* 2019 Sep/Oct;39(5):737-744.
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- Changi KK, Greenstein G. Cytocone Procedure: Conservative Repair of a Buccal Plate Dehiscence in Preparation for Implant Placement. *Compend Contin Educ Dent.* 2018 May;39(5):294-299.
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- Johnson TM, Berridge JP, Baron D. Protocol for Maintaining Alveolar Ridge Volume in Molar Immediate Implant Sites. *Clinical Advances in Periodontics.* November 2017, Vol. 7, No. 4, Pages 207-214.
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- Cheon GB, Kang KL, Yoo MK, et al. Alveolar Ridge Preservation Using Allografts and Dense Polytetrafluoroethylene Membranes With Open Membrane Technique in Unhealthy Extraction Socket. *J Oral Implantol.* 2017 Aug;43(4):267-273.
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- Bronstein D, Garashi M, Kravchenko D. Extraction and Ridge Preservation Followed by Delayed Implant Placement of a Second Mandibular Molar with Proximity to the Inferior Alveolar Nerve. *Int J Dentistry Oral Sci.* 2017;4(3), 434-438.
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- Barber HD, Lignelli J, Smith BM, et al. Using a dense PTFE membrane without primary closure to achieve bone and tissue regeneration. *J Oral Maxillofac Surg.* 2007;65:748-752.
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- Bartee BK. Extraction site reconstruction for alveolar ridge preservation. Part 2: Membrane-as-sisted surgical technique. *J Oral Implantol.* 2001;27:194-197.
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- Bartee BK. Extraction site reconstruction for alveolar ridge preservation. Part 1: Rationale and material selection. *J Oral Implantol.* 2001;27:187-193.
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