



Puros® Block Allograft



Changing the concept
of block grafting.

1 DOCUMENTED SUCCESSFUL BONE REGENERATION

- Documented graft and implant success rates¹⁻³ make it a viable alternative to autogenous block grafting⁴⁻⁵
- Multicenter data reported 91% *Puros Block Allograft* and 99% *Tapered Screw-Vent® Implant* survival at three years¹
- Cortico-Cancellous structure retains the remodeling capabilities of cancellous bone with the strength advantages of cortical bone needed for dimensional ridge augmentation¹⁻³

2 TIME-SAVING

- Saves time, helps to reduce pain, and can shorten the patient's rehabilitation period by eliminating the need to harvest an autogenous graft

3 TUTOPLAST® PROCESS

- Sterilized and preserved using the proprietary *Tutoplast Process*, *Puros Block Allograft* offers a high-quality option for successful bone regeneration
- Retains osteoconductive properties due to the preservation of the natural bone matrix collagen and mineral composition, trabecular pattern, original porosity^{1-2,6}

Puros Allografts – Filling nature's void.
A comprehensive line of allografts for bone and soft tissue augmentation needs.



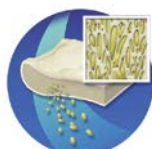
A clinically proven documented solution for restoring volume to severely resorbed ridges.¹⁻³

The unique Tutoplast Process

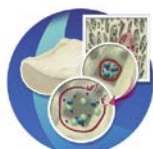
The proprietary *Tutoplast* Process assures the highest standard of tissue safety and quality with minimal risk of disease transmission.^{6,8}

The process preserves the valuable collagen matrix and tissue integrity while inactivating pathogens and gently removing unwanted materials, such as cells, antigens and viruses.^{6,8} The result is safe, biocompatible tissue.

For over 40 years, *Tutoplast* processed tissues have been safely used in more than three million procedures.⁸



Delipidization



Osmotic treatment



Oxidative treatment



Solvent dehydration



Low-dose gamma irradiation

Clinical advantages of Puros Block Allografts

- Outcomes¹⁻³ have been comparable to those generally reported for autogenous block grafting, but without the need for a second surgery to harvest native bone⁴⁻⁷
- Clinical reports have documented the ability to stabilize implants 5-6 months after grafting¹⁻³
- Five-year shelf life and room temperature storage

Take a closer look



Figure A Preoperative: narrow ridge.



Figure B Puros Block Allograft in place.



Figure C Postoperative: Puros Block Allograft incorporated in bone after healing.



Figure D Rehabilitated ridge with implant restoration.

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Ordering information

Catalog Number	Description
68220	Puros Block Allograft, 10mm
68221	Puros Block Allograft, 15mm

To learn more about *Puros* Block Allograft, please visit us online at www.zimmerdental.com or to speak to a sales representative, call 1 (800) 854-7019.

- 1 Keith JD Jr, Petrunaro P, Leonetti JA, Elwell CW, Zeren KJ, Caputo C et al. Clinical and histologic evaluation of a mineralized block allograft: results from the developmental period (2001-2004). *Int J Periodontics Restorative Dent.* 2006;26:321-327.
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- 3 Keith JD Jr., Salama MA. Ridge preservation and augmentation using regenerative materials to enhance implant predictability and esthetics. *Compend Contin Educ Dent.* 2007;28:614-623.
- 4 Schwartz-Arad D, Levin L, Sigal L. Surgical success of intraoral autogenous block onlay bone grafting for alveolar ridge augmentation. *Implant Dent.* 2005 14:131-138.
- 5 Levin L, Nitzan D, Schwartz-Arad D. Success of dental implants placed in intraoral block bone grafts. *J Periodontol.* 2007;78:18-21.
- 6 Schoepf C. Allograft safety: efficacy of the Tutoplast® process. *International Magazine of Oral Implantology.* 2006;1:10-15.
- 7 von Arx T, Buser D. Horizontal ridge augmentation using autogenous block grafts and the guided bone regeneration technique with collagen membranes: a clinical study with 42 patients. *Clin Oral Impl Res.* 2006;17:359-366.
- 8 Data on file with RTI Biologics, Inc.

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