



## Puros® Dermis Allograft Tissue Matrix



### The natural choice for soft tissue augmentation.

Offering an easy-to-use, sterile solution, *Puros Dermis* is a natural alternative to autogenous soft tissue grafts. It can be used for both horizontal and vertical soft tissue augmentation, to increase volume and provide a highly cosmetic clinical result. *Puros Dermis* exhibits superb soft tissue response and maturation, ideal for aesthetic case requirements.

- A natural biological matrix designed for successful soft tissue enhancement, periodontal/peri-implant soft tissue management, and Guided Tissue Regeneration procedures
- Reduces morbidity and saves valuable chair time by eliminating the need for a secondary surgical procedure to harvest an autogenous graft
- Provides an excellent healing environment and acts as a guide for the regeneration of vital soft tissue<sup>1</sup>
- Retains the natural collagen matrix and mechanical properties of native dermis due to the proprietary *Tutoplast*® Process<sup>2</sup>
- Excellent handling, rapid hydration, five-year shelf life and room temperature storage



#### ***Puros Allograft Family of Products – Filling nature's void.***

A complete line of regenerative products for every bone and soft tissue augmentation need.

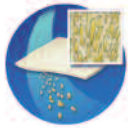
*Clockwise from top left:* Puros Corticocancellous Block, Puros Pericardium Allograft Membrane, Puros Dermis Allograft Tissue Matrix, Puros Cancellous Particles, Puros Cortical Particles



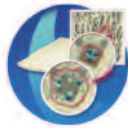
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## The Tutoplast Process

The *Puros* Allograft family of products is refined using the proprietary, 5-stage *Tutoplast* sterilization process. While preserving the valuable collagen matrix and tissue integrity, this process gently removes unwanted materials such as cells, antigens and viruses, as well as inactivates pathogens. *Tutoplast*-Processed tissues have been used for over 30 years in more than one million procedures without a single reported case of disease transmission.



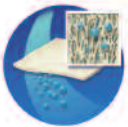
1. Osmotic treatment



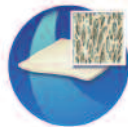
2. Oxidative treatment



3. Alkaline treatment



4. Solvent dehydration



5. Limited-dose gamma irradiation

## Take a closer look



Fig. A Preoperative: clinical view.



Fig. B *Puros* Dermis surgically placed.

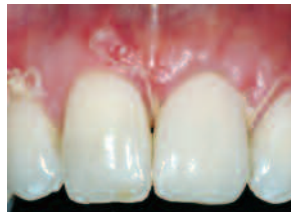


Fig. C 10-day postoperative: note excellent soft tissue integration.



Fig. D 30-day postoperative: note esthetic tissue blending and color match.

Clinical photographs courtesy of Paul S. Petrunaro, D.D.S., M.S. Individual results may vary.

## Ordering Information

Catalog Number	Description
8794R	0.3-0.8mm <i>Puros</i> Dermis Allograft Tissue 10x10mm
8795R	0.3-0.8mm <i>Puros</i> Dermis Allograft Tissue 10x20mm
8796R	0.3-0.8mm <i>Puros</i> Dermis Allograft Tissue 10x40mm
8797R	0.3-0.8mm <i>Puros</i> Dermis Allograft Tissue 20x40mm

Catalog Number	Description
8793R	0.8-1.8mm <i>Puros</i> Dermis Allograft Tissue 10x10mm
8790R	0.8-1.8mm <i>Puros</i> Dermis Allograft Tissue 10x20mm
8791R	0.8-1.8mm <i>Puros</i> Dermis Allograft Tissue 10x40mm
8792R	0.8-1.8mm <i>Puros</i> Dermis Allograft Tissue 20x40mm

To learn more about *Puros* Dermis Allograft Tissue Matrix, please visit us online at [www.zimmerdental.com](http://www.zimmerdental.com), or to speak to a sales representative, call 800 854 7019.

## A variety of clinical advantages

- *Puros* Dermis Allograft Tissue Matrix is a high-quality regenerative material, exhibiting multidirectional strength and exceptional adaptability to surface contours
- Excellent handling characteristics – rehydrates in seconds, no refrigeration required, packaged sterile and no residual antibiotics
- History of effective clinical results in other surgical applications<sup>3</sup>
- Volume enhancement – maintains space for angiogenesis and tissue remodeling, and increases the volume of attached gingiva and connective tissue<sup>4</sup>
- Wound stabilization – collagen helps stabilize and maintain blood clot in the defect space<sup>5</sup>
- Biocompatible and absorbable; easily assimilated into the body's normal tissue healing process
- Four convenient sizes can be cut to shape for specific procedures

<sup>1A</sup> Petrunaro P. Correction of Iatrogenic Gingival Recession in the Esthetic Zone. *Inside Dentistry*. 2007;11:2-4.

<sup>2</sup> Schoepf C. Allograft Safety: Efficacy of the Tutoplast Process. *Implants: Int J Oral Implantol*. 2006;7:10-15.

<sup>3</sup> Onur R, Singla A. Solvent-dehydrated cadaveric dermis: a new allograft for pubovaginal sling surgery. *J. Urol*. 2005;12:801-805.

<sup>5</sup> Patino M, Neiders M, Andreana S, Noble B, Cohen R. Collagen: An Overview. *Implant Dent*. 2002;11:280-285.

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