



CopiOs® Pericardium Membrane



The natural choice for ridge augmentation.

CopiOs Pericardium Membrane provides a long-lasting barrier when optimum strength and handling for graft containment are necessary. It is an outstanding choice in cases such as ridge augmentation procedures with particulate or block graft material, where adaptability to surface contours is essential. *CopiOs* Pericardium Membrane is the natural bovine-derived membrane of choice.

- A natural biological membrane with a history of clinical success in block grafting procedures, large ridge augmentations, and Guided Tissue Regeneration^{1,2}
- Provides an excellent healing environment and acts as a guide for the regeneration of vital tissue^{1,2,4}
- Retains the natural collagen matrix and mechanical properties of native pericardium due to the proprietary *Tutoplast*® Process³
- Excellent handling, quick hydration, five-year shelf life and room temperature storage^{1,2,3}



***CopiOs* Pericardium Membrane –
Designed to work with our Puros® Allograft Family of Products.**
A complete line of regenerative products for every bone and soft tissue augmentation need.

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



The Tutoplast Process

CopiOs Pericardium Membrane is processed using the proprietary, multi-stage *Tutoplast* Process³. 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. Tissues treated with the *Tutoplast* Process have been used for over 35 years 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

A variety of clinical advantages

- *CopiOs* Pericardium Membrane is a high-quality bovine-source regenerative material, exhibiting multidirectional strength and exceptional adaptability to surface contours
- History of effective clinical results across tissue regeneration applications^{1,2}
- Cell-occlusive – prevents epithelial cell migration and maintains space for periodontal ligament and bone regeneration^{1,2,4}
- Wound stabilization – collagen helps stabilize and maintain blood clot in the defect space⁴
- Rapid rehydration and easy manipulation
- Absorbable – eliminates second surgery for membrane removal^{1,2,4}
- Functions as a barrier during the critical period of wound healing^{1,2,4}
- Biocompatible; easily assimilated into the body's normal tissue healing process^{1,2,4}
- Three convenient sizes can be cut to shape for specific procedures

Take a closer look

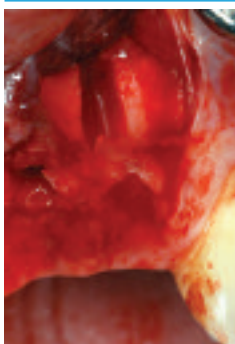


Fig. A Buccal plate defect.

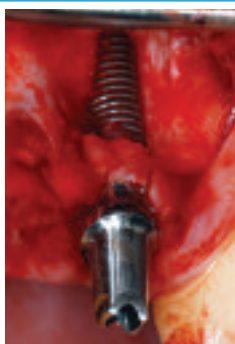


Fig. B Implant placed in defect.



Fig. C *CopiOs* Pericardium Membrane fixed and bone graft placed in defect.



Fig. D *CopiOs* Pericardium Membrane draped over bone graft prior to closure.



Fig. E Four month post-op: implant fully osseointegrated.

Clinical photographs courtesy of Marius Steigmann, D.D.S. Individual results may vary.

Ordering Information

Catalog Number	Description
97002	<i>CopiOs</i> Pericardium Membrane, 15 x 20 mm
97003	<i>CopiOs</i> Pericardium Membrane, 20 x 30 mm
97004	<i>CopiOs</i> Pericardium Membrane, 30 x 40 mm

¹ Steigmann M. Pericardium membrane and xenograft particulate grafting materials for horizontal alveolar ridge defects. *Implant Dent.* 2006;15:186-191.

² Kistler S, Bayer G, Kistler F, Am Lech L. Experience with the biological Tutodent® membrane in implant practice. *Implantologie Journal.* 2004;8:47-48.

³ Schoepf C. Allograft Safety: The efficacy of the Tutoplast Process. *Int Magazine Oral Implant.* 2006;1:10-15.

⁴ Rothamel D, Schwarz F, Sager M, Herten M, Sculean A, Becker J. Biodegradation of differently cross-linked collagen membranes: an experimental study in the rat. *Clin Oral Implants Res.* 2005;16(3):369-78.

Additional references available upon request.

To learn more about *CopiOs* Pericardium Membrane, please visit us online at www.zimmerdental.com, or to speak to a sales representative, call 800 854 7019.

To receive our eNews visit us at http://www.zimmerdental.com/news_eNewsletterSignUp.aspx

For more information about our Products and Educational Opportunities, contact us:

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