Building bone, naturally.

*Puros* Cortical Particulate Allograft offers the density and strength of a cortical autograft\(^1\) without the need for costly and invasive bone harvesting.

**Long-Lasting Regeneration**
- *Puros* Cortical Particulate can be used alone or as a composite graft in space maintenance and volume enhancement procedures.\(^2\)
- Slow-resorbing *Puros* Cortical Particulate maintains an open network for the proliferation of bone-forming cells.\(^2\)
- *Puros* Cortical Particulate is denser than cancellous bone and has been used in applications where cortical particulate is needed.\(^3\)
- Retains the natural collagen matrix and mineral structure of human cortical bone.\(^1,3\)

**Clinically Successful**
- Cortical particles remodel into a dense lamellar structure without sacrificing ridge contour, and into natural viable bone with similar density to native bone.\(^4\)
- When used in a “sandwich” technique for the treatment of localized buccal dehiscence defects, Park and Wang\(^5\) reported an average gain of 1.8mm in bone thickness.
- Combining *Puros* Cortical Allograft with a combination “sandwich” and mucogingival pouch flap technique, one study achieved 1.5mm to 3.5mm gain in mean ridge thickness, and 84% to 100% gain in mean ridge height.\(^6\)

**Safe and Easy to Use**
- Sterilized using the proprietary *Tutoplast*\(^®\) Process.
- Over 35 years of history and more than 3 million documented cases.\(^3\)
- Easy handling, quick hydration, five-year shelf life and room temperature storage.

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

Puros Cortical Particulate Allograft

The unique Tutoplast Process

The proprietary Tutoplast Process assures the highest standard of tissue safety and quality with minimal risk of disease transmission.1,10

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

For over 35 years, Tutoplast–processed tissues have been safely used in more than 3 million procedures.1

Clinical effectiveness of grafting with cortical particulates

Grafting with cortical particulates has been shown to produce successful clinical results in:

• Sinus augmentation7-8
• Regeneration of gaps around block grafts9
• Alveolar ridge augmentation4-6
• “Tent” and “sandwich” grafting techniques4,6

Take a closer look

Figure A  Severe resorbed pre-operative ridge.

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Ordering information

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

References available upon request.

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3 Data on file with RTI Biologics, Inc.


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