



Puros® Cortical Particulate Allograft

Long-Lasting Regeneration

- Can be used alone or as a composite graft in space maintenance and volume enhancement procedures¹
- Slow-resorbing – Maintains an open network for the proliferation of bone-forming cells¹
- Retains the natural collagen matrix and mineral structure of human cortical bone^{2,3}

Clinically Successful

- Remodels into a dense lamellar structure without sacrificing ridge contour, and into natural viable bone with similar density to native bone⁴
- In a “sandwich” technique for the treatment of localized buccal dehiscence defects, Park and Wang reported an average gain of 1.8 mm in bone thickness⁵
- In a combination “sandwich” and mucogingival pouch flap technique, one study achieved 1.5 mm to 3.5 mm gain in mean ridge thickness, and 84% to 100% gain in mean ridge height⁶

Safe And Easy To Use

- Sterilized using the proprietary Tutoplast® Sterilization Process
- Over 50 years of history and more than 5 million documented cases³
- Easy handling, quick hydration, five-year shelf life and room temperature storage



Puros Cortical Particulate Allograft

Offers the density and strength of a cortical autograft¹ without the need for costly and invasive bone harvesting.

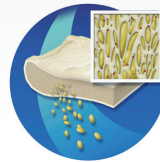
The Unique Tutoplast Process

- The proprietary Tutoplast Sterilization Process assures the highest standard of tissue safety and quality.^{2,3}
- For allograft bone grafts, the process preserves the valuable mineral, collagen matrix and tissue integrity⁹ while inactivating pathogens and gently removing unwanted materials, such as cells, antigens, and viruses³ – resulting in predictable, reliable, sterile, and safe tissue.³
- More than 11 million implants have been sterilized through the Tutoplast Process with zero confirmed incidence of implant associated infection.³

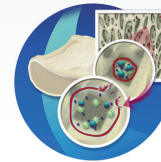
Clinical Effectiveness of Grafting with Cortical Particulates

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

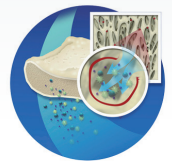
- Sinus augmentation procedures⁷⁻⁸
- Regeneration of gaps around block grafts³
- Alveolar ridge augmentation procedures⁴⁻⁶
- "Tent" and "sandwich" grafting techniques^{4,6}



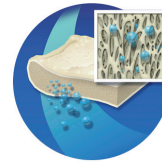
Delipidization



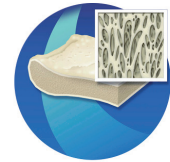
Osmotic treatment



Oxidative treatment



Solvent dehydration

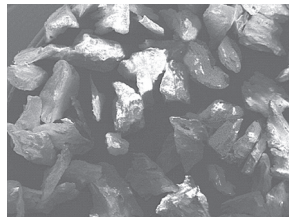


Low-dose gamma irradiation

Take A Closer Look



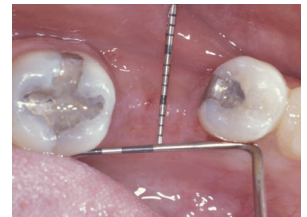
Severely resorbed pre-operative ridge.



SEM of Puros Cortical Particulate.



Puros Cortical Particulate in place.



3 months postoperative: ridge width restored to natural contours (4 mm increase).

Ordering Information:

Item Number	Description
68271	Puros Cortical Particulate, 0.25–1 mm/0.5 cc
68272	Puros Cortical Particulate, 0.25–1 mm/1.0 cc
68273	Puros Cortical Particulate, 0.25 mm/2.0 cc
68274	Puros Cortical Particulate, 1–2 mm/0.5 cc
68275	Puros Cortical Particulate, 1–2 mm/1.0 cc
68276	Puros Cortical Particulate, 1–2 mm/2.0 cc

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References

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