Puros® Cortical Particulate Allograft

1. Long-Lasting Regeneration
   - Can be used alone or as a composite graft in space maintenance and volume enhancement procedures.
   - Slow-resorbing – Maintains an open network for the proliferation of bone-forming cells.
   - Retains the natural collagen matrix and mineral structure of human cortical bone.

2. Clinically Successful
   - Remolds into a dense lamellar structure without sacrificing ridge contour, and into natural viable bone with similar density to native bone.
   - 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 thickness.
   - 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 height.

3. Safe And Easy To Use
   - Sterilized using the proprietary Tutoplast® process.
   - Easy handling, quick hydration, five-year shelf life and room temperature storage.

Building Bone Naturally
Offers The Density And Strength Of A Cortical Autograft Without The Need For Costly And Invasive Bone Harvesting.

Clinical Effectiveness Of Grafting With Cortical Particulates

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

- Regeneration of gaps around block grafts
- Alveolar ridge augmentation
- “Tent” and “sandwich” grafting techniques
- Sinus augmentation
- Solvent dehydration
- Delipidization
- Low-Dose Gamma Irradiation
- Osmotic Treatment
- Oxidative Treatment

Take A Closer Look

Fig. A Severely resorbed pre-operative ridge.

Fig. B SEM of Puros Cortical Particulate.

Fig. C Puros Cortical Particulate in place.

Fig. D Three months postoperative: ridge width restored to natural contours (4.0 mm increase).

The Unique Tutoplast Process

The proprietary Tutoplast process assures the highest standard of tissue safety and quality.

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 40 years, a variety of Tutoplast processed tissues have been safely used in more than five million procedures.

Ordering Information

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>68271</td>
<td>Puros Cortical Particulate, 0.5 cc, 250-1000 μm</td>
</tr>
<tr>
<td>68272</td>
<td>Puros Cortical Particulate, 1 cc, 250-1000 μm</td>
</tr>
<tr>
<td>68273</td>
<td>Puros Cortical Particulate, 2 cc, 250-1000 μm</td>
</tr>
<tr>
<td>68274</td>
<td>Puros Cortical Particulate, 0.5 cc, 1000-2000 μm</td>
</tr>
<tr>
<td>68275</td>
<td>Puros Cortical Particulate, 1 cc, 1000-2000 μm</td>
</tr>
<tr>
<td>68276</td>
<td>Puros Cortical Particulate, 2 cc, 1000-2000 μm</td>
</tr>
</tbody>
</table>

Zimmer Biomet offers a comprehensive line of allografts for bone augmentation needs.

Clinical images ©2012 Sang-Hoon Park, DDS and Hom-Lay Wang, DDS, MSD, Department of Periodontics, University of Michigan. All rights reserved. Individual results may vary.

2. Data on file with RTI Surgical, Inc.

Contact us at 1-800-342-5454 or visit zimmerbiometdental.com