

# Puros<sup>®</sup> Cancellous Particulate Allograft & Puros Block Allograft



# Puros Cancellous Particulate Allograft

The Natural Choice For Healthy<sup>1</sup> Bone Growth.



## 1. Proven, Predictable Regeneration

- Acts as an osteoconductive scaffold for new bone formation.<sup>2-3</sup>
- In large-volume applications, prospective studies have documented faster bone regeneration at 6 months than grafts containing sintered bovine bone matrix.<sup>4-5</sup>
- In small-volume applications, regeneration of hard bone has been reported as early as 3–5 months.<sup>6-8</sup>

## 2. Natural And Easy To Use

- Retains osteoconductive properties due to the preservation of the natural bone matrix collagen and mineral composition, trabecular pattern, and original porosity,<sup>2-3</sup> enabling the ingrowth of vascular and cellular connective tissue.<sup>7</sup>
- Easy handling – quick hydration, five-year shelf life and room temperature storage.

## 3. Tutoplast<sup>®</sup> Process

- Sterilized and preserved using the proprietary Tutoplast process, Puros Cancellous Particulate is a high-quality allograft designed for large and small volume bone regeneration procedures.



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

## The Bone Grafting Material Of Choice For Many Clinicians Due To Its History Of Well-Documented Clinical Results.

Puros Cancellous Particulate Allografts have shown successful clinical results in:

- Regeneration of periodontal bone and furcation defects.<sup>2-3</sup>
- Osseous defect regeneration.<sup>2-3, 5-8</sup>
- Regeneration of extraction sockets.<sup>6-7</sup>
- Regeneration of gaps around block grafts.<sup>6-9</sup>
- Horizontal alveolar crest augmentation.<sup>6-9</sup>
- Sinus augmentation.<sup>4-5</sup>

# Take A Closer Look



**Fig A**  
Bony defect region 21.

**A**

**B**

**C**

**D**



**Fig B**  
Puros Allograft Cancellous Particles in place.



**Fig C**  
Bone graft covered with CopiOs® Pericardium Membrane.



**Fig D**  
Implant bed after 4.5 months healing time: recovered ridge width.

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## Ordering Information

Catalog Number	Description
67210	Puros Allograft Cancellous Particulate, 0,5 cc, 0,25–1 mm
67211	Puros Allograft Cancellous Particulate, 1 cc, 0,25–1 mm
67209	Puros Allograft Cancellous Particulate, 2 cc, 0,25–1 mm
67212	Puros Allograft Cancellous Particulate, 0,5 cc, 1–2 mm
67213	Puros Allograft Cancellous Particulate, 1 cc, 1–2 mm
67214	Puros Allograft Cancellous Particulate, 2 cc, 1–2 mm
67215	Puros Allograft Cancellous Particulate, 3 cc, 1–2 mm
67216	Puros Allograft Cancellous Particulate, 3 cc, 2–4 mm

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- Minichetti JC, D'Amore JC, Hong AY, Cleveland DB. Human histologic analysis of mineralized bone allograft (Puros) placement before implant surgery. *J Oral Implantol*. 2004;30:74-82.
- Block MS, Degen M. Horizontal ridge augmentation using human mineralized particulate bone: preliminary results. *J Oral Maxillofac Surg*. 2004;62 (Suppl 2):67-72.
- Bach L, Burstein J, Sedghizadeh PP. Cortical tenting grafting technique in the severely atrophic alveolar ridge for implant site development. *Implant Dent*. 2008;17:40-50.

# Puros Block Allograft

Changing the concept of block grafting.

## 1. Documented Successful Bone Regeneration

- Documented graft and implant success rates make it a viable alternative to autogenous block grafting.<sup>10-11</sup>
- Cortico-Cancellous structure retains the remodeling capabilities of cancellous bone with the strength advantages of cortical bone needed for dimensional ridge augmentation.<sup>12</sup>

## 2. Time-Saving

- Saves time, helps to reduce pain, and can shorten the patient's rehabilitation period by eliminating the need to harvest an autogenous graft.<sup>10</sup>

## 3. Tutoplast Process

- Sterilized and preserved using the proprietary Tutoplast process, Puros Block Allograft offers a high-quality option for successful bone regeneration.<sup>10</sup>
- Retains osteoconductive properties due to the preservation of the natural bone matrix collagen and mineral composition, trabecular pattern, original porosity.<sup>13</sup>



### Puros Allografts – Filling nature's void.

A comprehensive line of allografts for bone and soft tissue augmentation needs.

## A Clinically Proven Documented Solution For Restoring Volume To Severely Resorbed Ridges.<sup>10-11</sup>

Clinical advantages of Puros Block Allografts:

- Outcomes<sup>10-11</sup> have been comparable to those generally reported for autogenous block grafting, but without the need for a second surgery to harvest native bone.<sup>14-15</sup>
- Clinical reports have documented the ability to stabilize implants 5–6 months after grafting.<sup>10-12</sup>
- Quick hydration, five-year shelf life and room temperature storage.

# Take A Closer Look



**Fig A**  
3D analysis of bony defect.

**A**



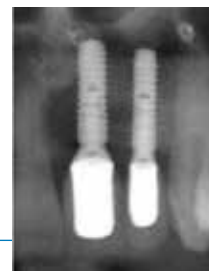
**Fig B**  
Puros Allograft Block in place.

**B**



**Fig C**  
Revascularized block graft after healing time.

**C**



**Fig D**  
Stable bone level 4 years follow-up.

**D**

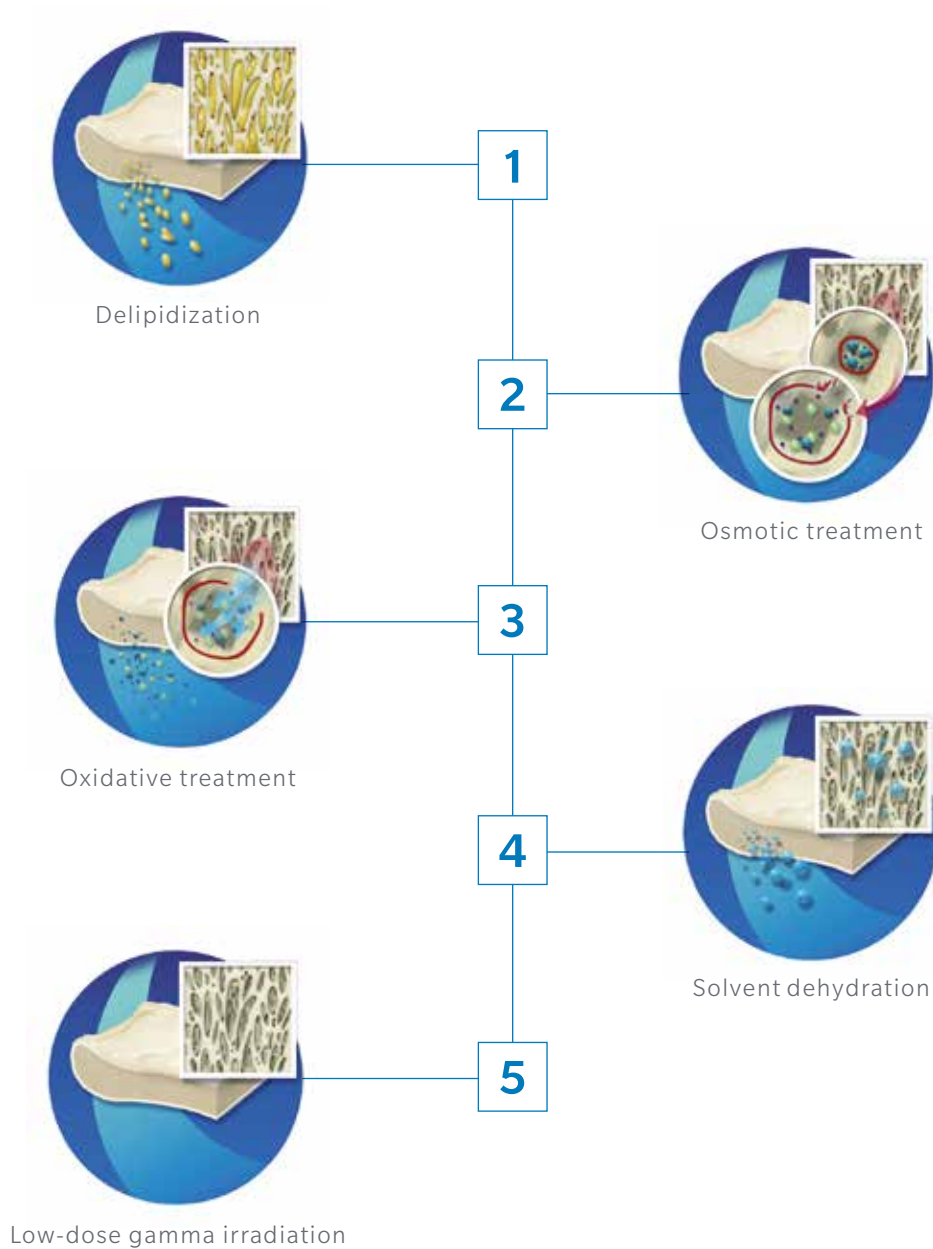
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## Ordering Information

Catalog Number	Description
67220	Puros Allograft Block, 15 x 10 x 9 mm
67221	Puros Allograft Block, 15 x 15 x 9 mm
67222	Puros Allograft Cancellous Block, 8 x 8 x 8 mm
67223	Puros Allograft Cancellous Block, 10 x 10 x 20 mm
67224	Puros Allograft Cancellous Block, 10 x 20 x 20 mm
67225	Puros Allograft Cancellous Dowel, Ø 7 mm, L 14–18 mm
67226	Puros Allograft Cancellous Dowel, Ø 10 mm, L 16–20 mm

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# The Unique Tutoplast Process



The proprietary Tutoplast process assures the highest standard of tissue safety and quality with minimal risk of disease transmission.<sup>13</sup>

The process preserves the valuable collagen matrix and tissue integrity while inactivating pathogens and gently removing unwanted materials, such as cells, antigens and viruses.<sup>13</sup> The result is safe, biocompatible tissue.

For over 40 years, Tutoplast processed tissues have been safely used in more than three million procedures.<sup>13</sup>





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